

ORDER NO. CRT1420

MULTI-CD CONTROL FM/AM TUNER DECK AMPLIFIER

(EH-M7300TR

Note:

- This service manual is designed to be used together with Model KEH-M7200/US Service Manual (CRT1382). Refer to it for finding parts numbers etc. which are not shown in this manual.
- Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

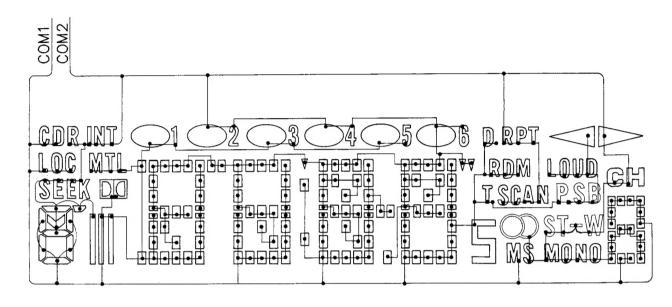
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				PLODE																
				JNIT																
3.	CON	NECT 1	ON	DIA	GRAN	4	• • •	• •	٠.	٠.	•	•	•	•	•	•	•			4
4.	SCHI	EMAT	C	CIRC	JIT	DIA	AGR	AM	٠.	٠.	•	•	•	•	٠	٠	•		1	
5.	PACI	KING	ME'	THOD		• • • •		• •			•	•	•	•	•	•			1	•
6	ELEC	TRIC	AL.	PAR'	rs i	LIST	r		٠.			•	•	•	•	•	•	• •	. 1	

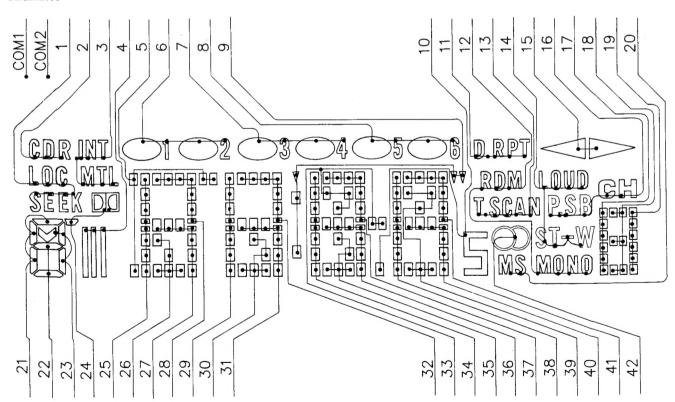
KEH-M7300TR

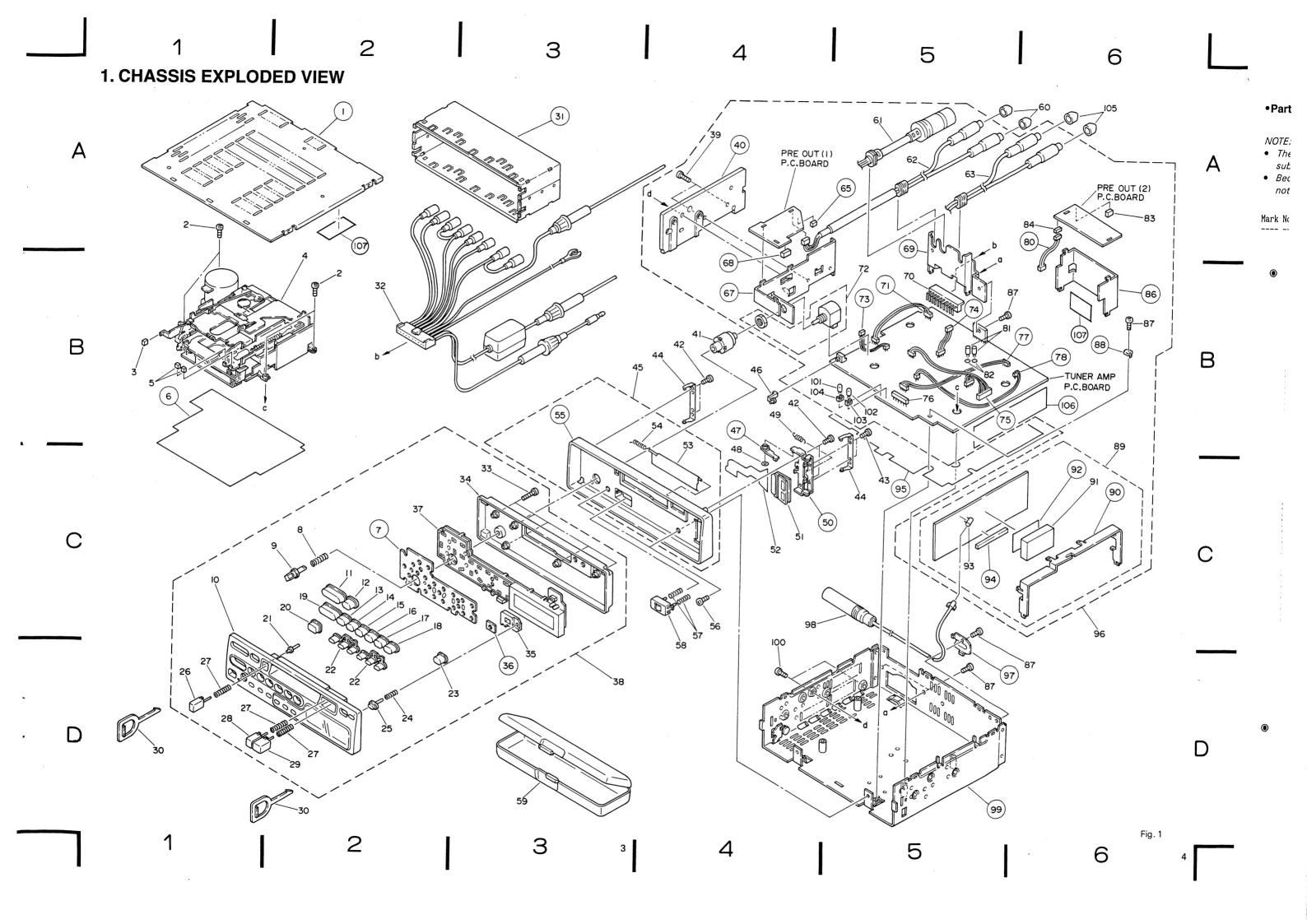
•LCD (CAW1125)

COMMON



SEGMENT





Parts List

NOTE:

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• The parts marked with "®" may need long time to supply and their supply is

subject to refuse as the case may be.
Because the parts with encircled number shown on the dismantling drawing are not spare parts, we are unable to supply them in principle.

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
		Case	CNB1431			Panel Unit	CXA4470
		Screw	BMZ26P050FMC			Button	CAC2988
	3	Button	CAC2819			Arm Unit	CXA4000
•	4	Cassette Mechanism	EXK1735		48	Washer	CBF1037
		Assy			49	Spring	CBH1395
	5	Button	CAC2820		50	Holder Unit	CXA3999
	6		CNM3157			Socket	CKS1664
			CNM3155		52	P. C. Board	CNP2597
	8	Spring	CBH1391		53	Door	CAT1385
	9	Spring Knob(Fader)	CAA1272			Spring	CBH1437
	10	Grille Unit	CXA4469		55	Panel	CNS2354
	11	Button(Vol)	CAC2932		56	Carou	CBA1154
		Button(Shift)	CAC2932 CAC2822		57	Spring	CBH1393
			CAC2811		58	Lever	CNV2998
			CAC2812			Case	CNV2330 CNS2269
					00	Case	CN32209
	15	Button (3)	CAC2813		60	Cap	CNW-829
	16	Button (4)	CAC2934 CAC2935		61	DIN Connector Cord	CDE3419
	17	Button(5)	CAC2935		62	Connector	CDE3157
		Button(6)	CAC2936		63	Connector	CDE3156
	19		CAC2933		64	••••	
		Button(-)			65	Plug	CKS-783
	21	Button(Clear)	CAC2829 CXA4132		66	• • • • •	
	22	Button Unit	CXA4132		67	Holder	CNC3579
	23	Button (SD)	CAC2826			Plug	CKS-785
	24		CBH1390			Holder	CNC3753
	25	Button	CAC2827		70	Plug	CKS-467
	26	Button(Eject)	CAC3128			Connector	CDE3171
	27	Spring	CBH1443			Volume (Fader)	CCS1186
			CAC3129			Connector	CDE3208
	29	Button (FF)	CAC3130			Connector	CDE3173
							0020110
		Handle	CNC3664		75	Connector	CDE3174
		Holder	CNC3342			Connector	CKS1260
	32	Cord	CNC3342 CDE3181 BPZ20P120FZK			Connector	CDE3210
		Screw	BPZ20P120FZK			Connector	CDE3303
	34	Grille Cover	CNS2151		79	•••••	
		Lens	CNV2774			Connector	CDE3172
		Cushion	CNM3156			Capacitor	CCH1016
•		Key Board Unit	CWM2695			Spacer	CNW-662
		Grille Assy(D)	CXA4551		83	Plug	CKS1238
	39	Screw	BMZ30P120FMC		84	Plug	CKS-786
	40	Heat Sink	CNC3747		85		
		Knob	CAA1250		86	Holder	CNC3577
	42	Screw	CBA1179		87	Screw	BMZ30P050FMC
	43	Screw	PMZ20P030FMC		88	Holder	CNC2218
	44	Holder Unit	CXA3998	•	89	FM/AM Tuner Unit	CWE1225



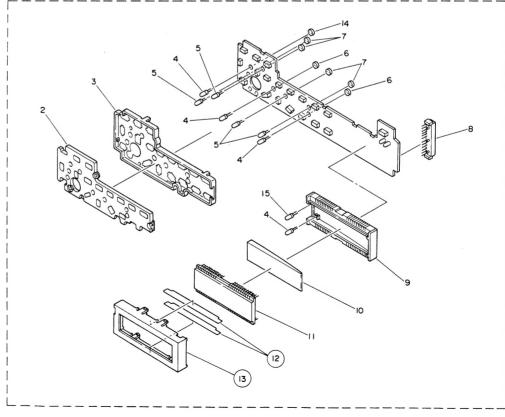
Mark N	o. Description	Part No.	Mark No.	Description	Part No.
	90 Holder 91 FM Front End 92 Insulator 93 Antenna Jack 94 Plug	CNC2880 CWB1035 CNM2105 CKX1010 CKS1628	101 102 103	Screw Lamp(Green) Lamp Holder Holder	BMZ30P080FMC CEL1207 CEL1208 CNV1906 CNV1906
•	95 Insulator 96 Tuner Amp Unit 97 Holder 98 Antenna Cable 99 Chassis Unit	CNM2941 CWM2677 CNC2913 CDH1128 CXA4191	106	Cap Insulator Cushion	CNW-829 CNM3199 CNM3203

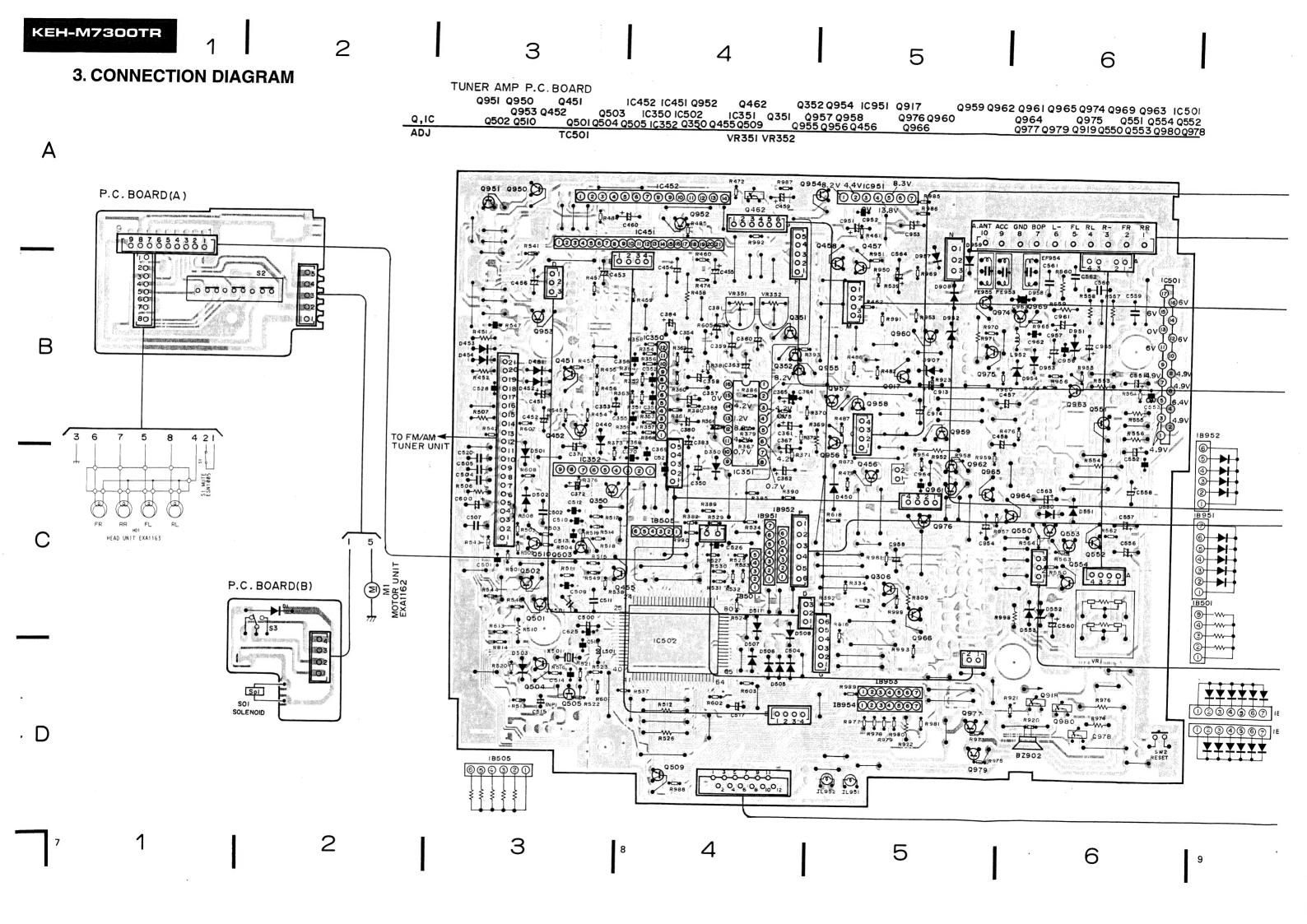
2. KEY BOARD UNIT EXPLODED VIEW

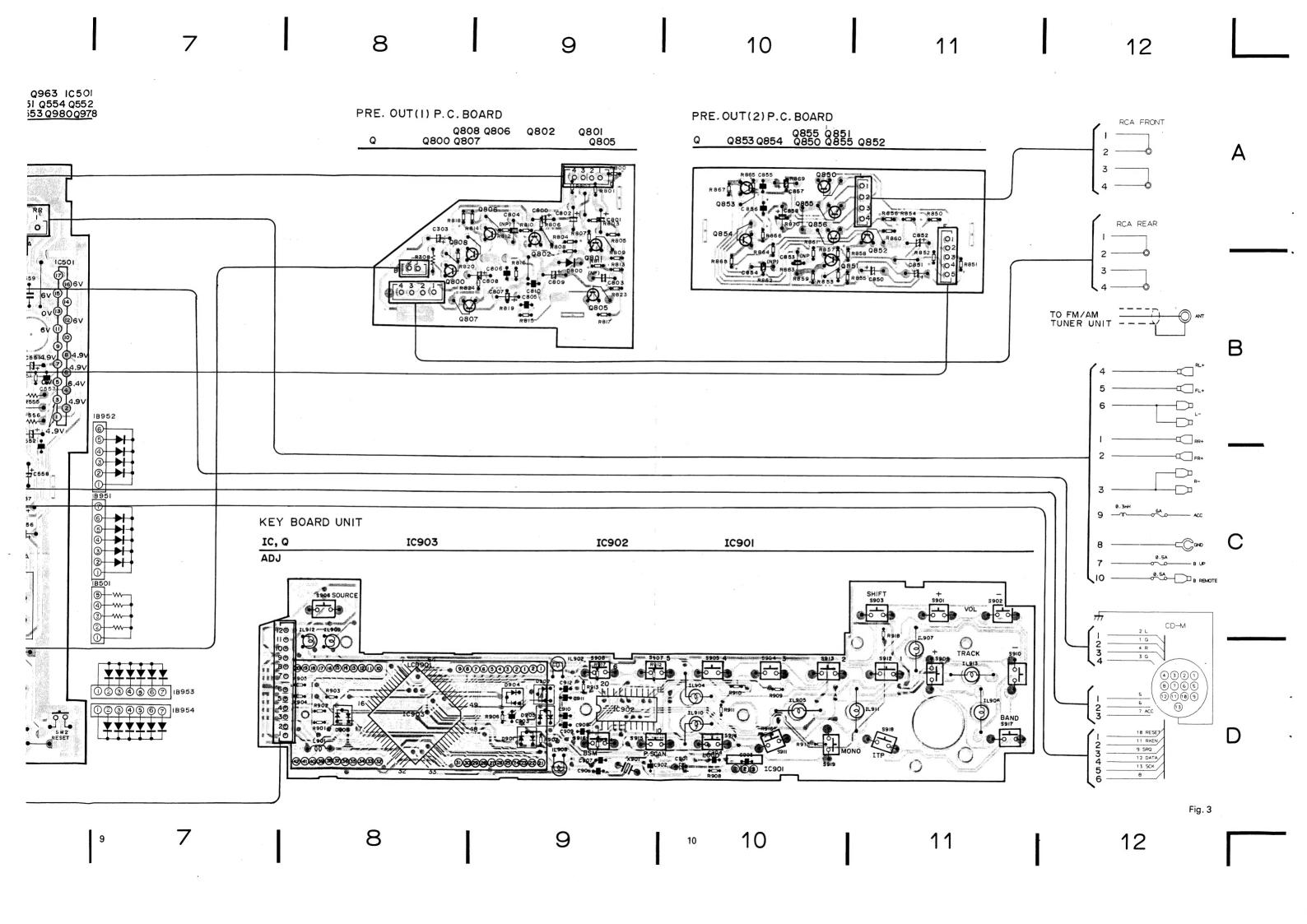
•Parts List

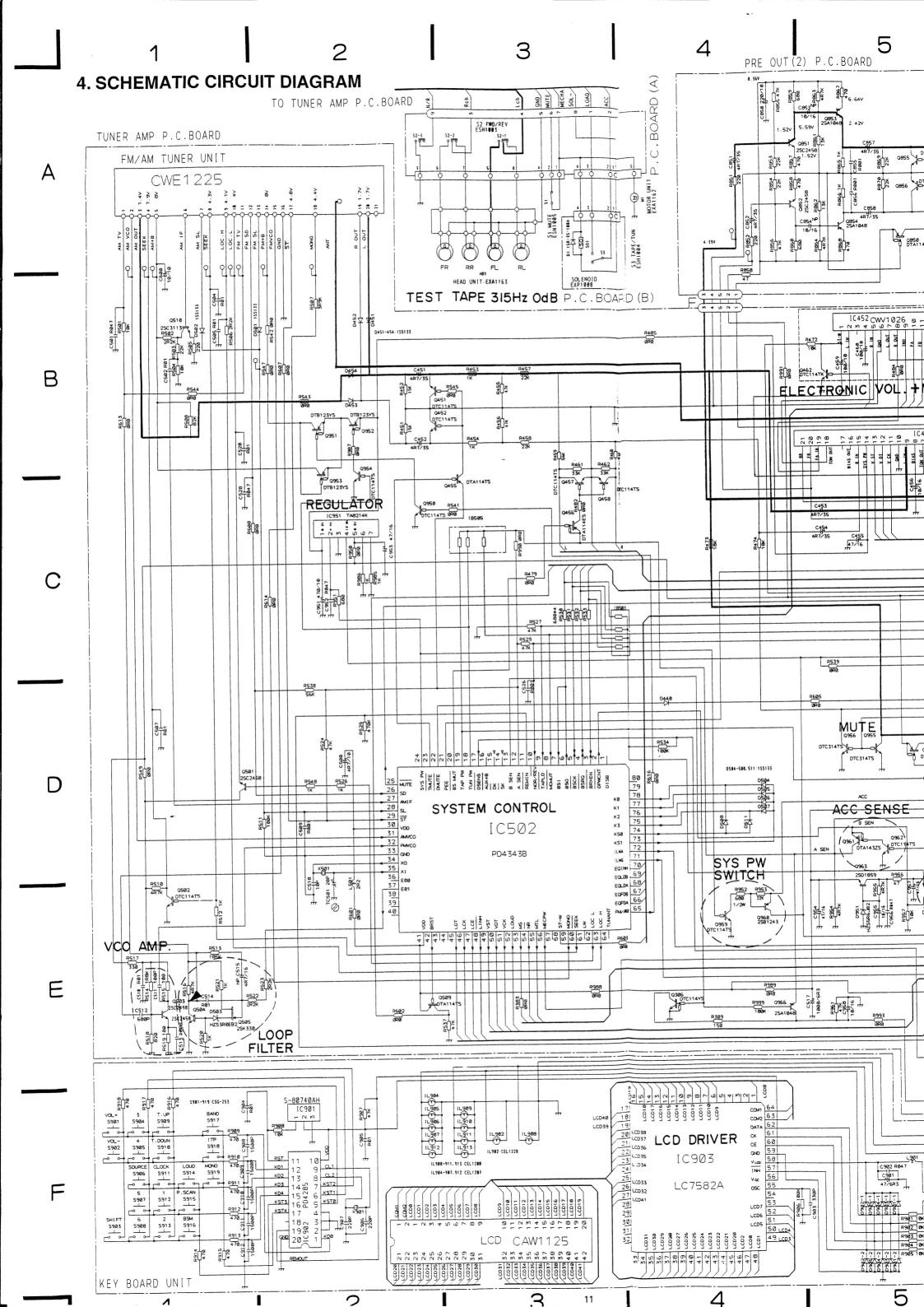
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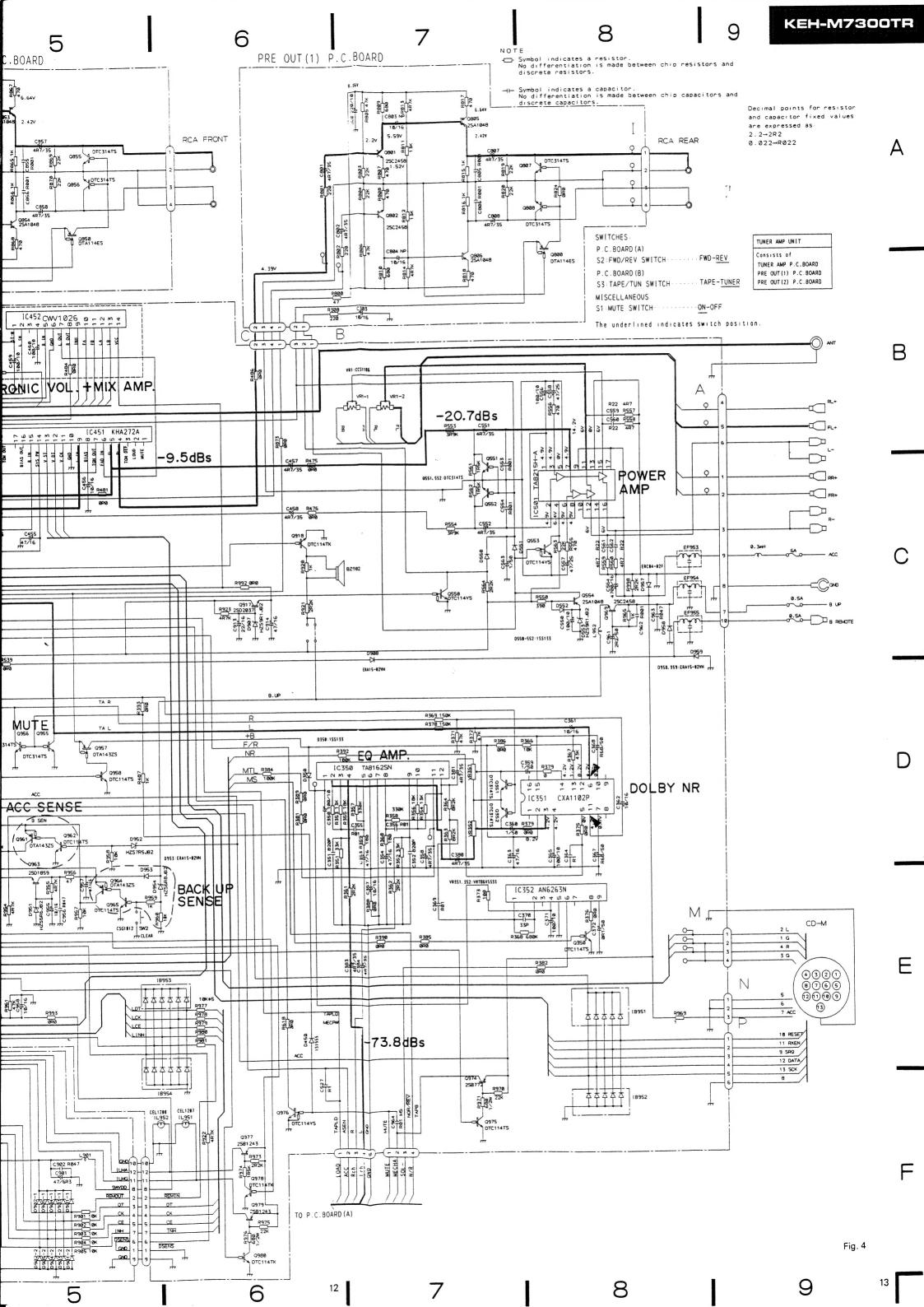
Mark 1	No.	Description	Part No.	Mark No.	Description	Part No.
•	1	Key Board Unit	CWM2695	6	Bush	CNV1859
	2	Lens	CNV2688	7	Bush	CNV1859
	3	Holder	CNV2684	8	Plug	CKS1663
	4	Lamp	CEL1208	9	Holder	CNV2685
	5	Lamp	CEL1207	10	Lens	CNV2686
				11	LCD	CAW1125
				12	Insulator	CNM3051
				13	Holder	CNC3576
				14	Spacer	CNM1642
				15	Lamp	CEL1228

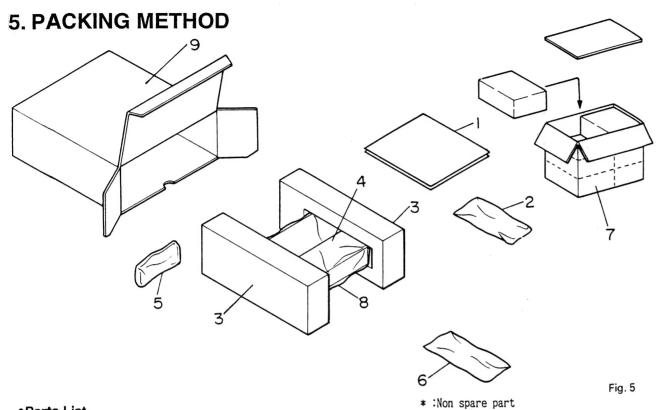












Parts	List
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Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	1-1	Owner's Manual (English, French)	CRD1482			Cord Handle(×2)	CDE1289 CNC3664
*	1-2	Card	ARY1408		6-5	Strap	CNF-111
		Caution Card	CRP1095		-	Bush	CNV1009
	2	Cord	CDE3181		6-7	$Nut(\times 2)$	NF50FMC
	3	Styrofoam	CHP1405				
				*	7	Contain Box	CHL1992
*	4	Holder	CNC3342		8	Cover	CEG1092
	5	Case	CNS2269		9	Carton	CHG1992
	6	Accessory Assy	CEA1633				
	6-1	$Screw(\times 1)$	CBA-102				
	6-2	$Screw(\times 1)$	CBA1002				

6. ELECTRICAL PARTS LIST

- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor RS1/8S □□□J, RS1/10S □□□J Chip Capacitor (except for CQS.....) CKS....., CCS....., CSZS.....

Unit Number:

Unit Name : Tuner Amp Unit

Tuner Amp Unit Consists of • Tuner Amp P. C. Board • Pre Out(1) P. C. Board • Pre Out(2) P. C. Board

MISCELLANEOUS

===	=====	Circuit	Symbol 8	₹ No.	====	Part	Name	Part	No.	
IC.	350							 TA816	2SN	
	351							CXA11	02P	
IC	352							AN626		
10	451							KHA27		
IC	452							CWV10	26	

							•															
===		= Cir	cuit	Symb	i & lo	No. ==== Part Name	Part No.	RES	ISTOR	S								Š.	====		= Cir	cu
	501 502						TA8215H-A PD4343B	===		= Ci	rcuit	Symb	ol & 1	No. :	=== F	Part Name	Part No.			554 555	556	
IC Q Q	951 306 350	457	458	950	958	959 962 975	TA8214K DTC114YS DTC114TS	R R R	308 309 351 353	352 354							RD1/4PS221JL RD1/4PS151JL RS1/10S333J RS1/10S133J		R R	557 561 603	558 562	55
9999	351 451 455 456	352 452 509 800	551	552	807	808	DTC314TS DTC114TS DTA114TS DTA114ES	R R R	355 357 359	356 358 360		-00					RS1/10S183J RS1/10S334J RS1/10S181J		R R	800 803 807 809	804 808 810	81
Q Q	462 501	504	969			Chip Transistor	DTC114TK 2SC2458	R R R	361 363 366	362 364 501	502 504	522 957	958				RS1/10S222J RS1/10S822J RS1/10S103J		R	811		
9999	502 503 505 510						DTC114TS 2SC2498 2SK330 2SC3113	R R R	367 368 369 370								RS1/10S433J RS1/10S684J RD1/4PS154JL RS1/10S154J		R R	850 851 853 855	852 854 856	86
9999	550 554 801 850	553 805 802	976 806	966			DTC114YS 2SA1048 2SC2458 DTA114ES	R R R	371 373 375 376		519 544	545	546	549	601	602	RS1/10S473J RS1/10S101J RS1/10S0R0J RS1/10S0R0J		R R R	857 859 861 863	858 860 862 864	86
Q · Q	851 853	852 854					2SC2458 2SA1048	R R	379 380		873	٠	0.0	0	00-	002	RS1/10SOROJ RS1/10SOROJ		R R	922	866	
9 9 9	855 917 918 951	978 952	980 953			Chip Transistor	DTC314TS 2SD2037 DTC114TK DTB123YS	R R R	382 384 385 389	386	614 486 993		988	989	990		RS1/8SOROJ RS1/8S104J RS1/8SOROJ RS1/8SOROJ		R R R	923 950 951 952	971	97
99999	954 955 957 960 961	956 977 964	979				DTC114TS DTC314TS DTA143ZS 2SB1243 DTA143ZS	R R R R	390 392 393 451 453	452 454							RS1/8SOROJ RS1/10S104J RS1/8SOROJ RD1/4PS153JL RS1/10S102J		R R R R	953 954 955 956 959	965	
Q Q D D	963 965 974 350 450	440	504	505	506	507 508	2SD1859 DTC114TS 2SB772 1SS133 1S1555	R R R R	455 457 458 459 461	456 456 460 462	524	527	529	805	806		RS1/10S473J RS1/10S473J RS1/8S223J RD1/4PM223J RS1/10S563J RS1/10S333J		R R R R	960 961 969 974 975	977	97
D D D D	451 503 511 553 907	452	453	454	501	502 550 551 552	1SS133 HZS3R0EB2 1SS133 HZS9R1JB2 HZS9R1JB2	R R R R	472 473 475 479 484	474 476 482 992	541 605	542 987	547				RS1/10S103J RS1/10S183J RS1/10S0R0J RS1/10S0R0J RS1/8S0R0J		R R R CAP	991 998 999 ACITO	RS	
D D	908 951						ERA15-02VH HZS5R6JB2	R R	485 487	607 520	608	613 815	816	920	985	986	RS1/8SOROJ RS1/10S102J				= Ci	г с ц
D D	952 953 954	958	959				HZS7R5JB2 ERA15-02VH HZS6R8JB2	R R R	503 505 506 507	563		820		320	300	300	RS1/10S223J RS1/10S221J RD1/4PS222JL RD1/4PS392JL		C C C C C	303 350 351 353 355	371 352 354 356	36 51
L L IB IB						Ferri-Inductor Ferri-Inductor	ERCO4-02F LAU2R2M LAU33OK CWW1302 CWW1240	R R R R	508 510	534							RS1/10S823J RD1/4PS472JL RS1/8S104J RD1/4PM102J RS1/10S152J		CCCCC	357 358	361 380 360	
IB IB IB X	951 952 953 954 501					Crystal Resonator	CWW1301 CWW1128 CWW1292 CWW1291 CSS1011	R R R	514 516 517 518								RS1/10S182J RS1/10S472J RS1/10S331J RS1/10S821J		CCCC	367 369 370 372	368 964	
IL VR VR TC IL	351 1 501	352				Lamp(Orange) Semi-fixed 33kΩ(B) Volume(Fader) Trimmer Lamp(Green)	CEL1208 VRTB6VS333 CCS1186 CCG-070 CEL1207	R R R R	523 525 526 530 532	531		973					RS1/10S222J RS1/10S474J RD1/4PM102J RS1/10S681J RS1/8S681J		CCCC	383 455 456 459	384 953 460	
SW EF BZ	2 953 902		955			Switch(Clear) EMI Filter Buzzer	CSG1012 CCG1003 CPV1013	R R R R	537 538 539 548 550 553								RS1/10S473J RS1/10S563J RS1/10S0R0J RS1/10S102J RS1/10S391J RD1/4PS392JL		00000	500 501 502 509 511 512	504 526	50
								n.	ააა								լեն 17 -11 00020[С	513		

2	7

Fig. 5

===	=====	= Ci	rcuit	Symb	ol &	No.	====	Part	Name	Part N	ło.	RE	SISTOR	S								
	501									TA8215			=====									
	502									PD4343			200									
Q	951 306									TA8214 DTC114		R R	308 309									
Q		457	458	950	958	959	962	975		DTC114		R		352								
•	000											R		354								
Q		352	551	552	807	808				DTC314		R	355	356								
Q	451									DTC114		R	357	358								
Q	455									DTA114		R		360								
Q Q	456 462	000				Chir	Tra	nsisto	or	DTA114		R		362	502	522						
٧	402					CHIP	, 11 0	1131300		DIGIT	1111	R		364								
Q	501	504	969							2SC24	58	R	366	501	504	957	958					
Q	502									DTC11		p	367									
Q	503									2SC24		R										
Q	505									2SK33 2SC31		R										
Q	510									ادبادع	13	R	370									
Q	550	553	976							DTC11	4YS	R	371	372								
Q		805		966						2SA10			2072	-1-	F10							
Q		802								2SC24		R.	373 375	919	519							
Q	850									DTA11		R		543	544	545	546	549	601	602		
Q	851	852								2SC24	58	R		0.0	• • • •	0.10	0.10	0.10	001	002		
· Q	052	854								2SA10	48	R		381	873							
Q		856								DTC31												
Q	917	000								2SD20		R		383	614	616	988	989	990			
Q		978	980			Chi	p Tra	nsist	or	DTC11		R		386	400	610						
Q	951	952	953							DTB12	23YS	R R		824		010						
												R			550							
Q	954									DTC11			•••									
Q	955 957	956								DTC31 DTA14		R	392									
Q		977	979							2SB12		R										
Q		964	0.0							DTA14		R		452								
•												R		454 456	524	527	529	ยกร	ลกร			
Q	963									2SD18		16	100	100	721	021	020	000	000			
Q	965									DTC11		R	457									
Q	974	440	504	EUE	506	507	505	,		2SB77 1SS13		R	458									
D D	350 450	440	304	300	300	301	300)		18155		R		460								
	.00									10100		R		462								
D	451	452	453	454	501	502	550	551	552	1SS13	33	R	472									
D	503									HZS3R		R	473	474								
D	511									1SS13		R		476	541	542	547					
D	553									HZS9R HZS9R			479		605	987						
D	907									112031	11002	R		992	con	010						
D	908									ERA15	5-02VH	R	485	607	608	613						
D	951									HZS5F	R6JB2	R	487	520	521	815	816	920	985	986	;	
D	952									HZS7F		R			819							
D	953	958	959								5-02VH	R	505	801	802							
D	954									HZS6F	(8JBZ	R										
D	957									ERCO4	1-02F	R	507									
Ĺ	501					Fer	ri-I	nducto	or	LAU2F		R	508	,								
L	952					Fer	ri-li	nducto	or	LAU33		R										
IB										CWW13		R		534								
IE	505									CWW12	240	R	512	2								
18	951									CWW13	ลกา	R	513	3								
IE										CWW11												
	953									CWW12		R										
IE	954									CWW12		R R										
X	501					Cry	stal	Resor	nator	CSS10	011	R										
,,	050					1	n (n-	ango)		OPI 10	วกอ	R		564	921	973						
	. 952 2 351							ange) xed 33	BkΩ(B)	CEL12	208 6VS333											
VE								Fader)		CCS1		R										
	501						mmer			CCG-(R										
	951					Lam	p(Gr	een)		CEL12		R R		531 533								
						_				_		R										
SI			0					Clear))	CSG10												
El B'	f 953 Z 902	954	955				Fil zer	rer		CCG10 CPV10		F										
D	JU2					Juž	401			CFVI	010	F										
												F										
												Fi Fi										
													- 00	•								

Part No. RD1/4PS221JL

RD1/4PS151JL RS1/10S333J RS1/10S133J RS1/10S183J RS1/10S183J RS1/10S181J RS1/10S222J RS1/10S822J RS1/10S103J

RS1/10S433J

RS1/10S684J RD1/4PS154JL RS1/10S154J RS1/10S473J

RS1/10S101J RS1/10S0R0J RS1/10S0R0J RS1/10S0R0J RS1/10S0R0J

RS1/8SOROJ RS1/8S104J RS1/8SOROJ RS1/8SOROJ RS1/8SOROJ

RS1/10S104J RS1/8S0R0J

RD1/4PS153JL RS1/10S102J RS1/10S473J RS1/8S223J RD1/4PM223J RS1/10S563J RS1/10S103J RS1/10S103J RS1/10S0R0J RS1/10S0R0J RS1/8S0R0J RS1/8S0R0J

RS1/10S102J RS1/10S223J RS1/10S221J

RD1/4PS222JL RD1/4PS392JL

RS1/10S823J RD1/4PS472JL

RS1/8S104J RD1/4PM102J

RS1/10S152J

RS1/10S182J RS1/10S472J

RS1/10S331J

RS1/10S821J RS1/10S222J

RS1/10S474J RD1/4PM102J

RS1/10S681J RS1/8S681J RS1/10S473J

RS1/10S563J

RS1/10S0R0J RS1/10S102J

RS1/10S391J

RD1/4PS392JL

===	=====	= Cir	cuit	Symbo	l & No). =	===]	Part	Name	Part No.	===		= Ci	rcuit	Symbo	ol & i	No. =	=== [art i	Name		Part No.
R R R R	554 555	556 558								RD1/4PM392J RD1/4PS471JL RD1/4PS4R7JL RS1/10S152J RS1/10S0ROJ	C C C C	515 517 518 527 528					4. 7 μ 1000 /					CCH1005 CCH1112 CCSQCH100D50 CKSQYF104Z25 CKSQYB473K25
R R R R	800 803 807 809 811	808 810	817	818						RS1/10S470J RS1/10S223J RS1/10S471J RS1/10S681J RS1/10S133J	C C C C	550 551 553 556 557	552 554 558	805	806	962						CEA101M10L2 CEHAS4R7M35 CKSQYB102K50 CEHAQ101M10 CEHAQ470M25
R R R R	813 850 851 853 855	852 854	869	870						RS1/10S472J RS1/10S470J RS1/10S221J RS1/10S223J RS1/10S473J	C C C C	559 560 563 564 600	561	562								CQEA224J63 CQEA224J63 CEA010M50LS2 CEA472M16L2 CASAQ100M10
R R R R	861	860 862 864	867	868			•			RS1/10S471J RS1/10S681J RS1/10S133J RS1/10S472J RS1/10S102J	C C C C	800 801 803 850 851	804	807 857								CEA221M10L2 CEA4R7M35LS CEALNP100M16 CEA221M10L2 CEA4R7M35LS
R R R R	922 923 950 951 952	971	976							RD1/4PS472JL RS1/10S472J RS1/8S0R0J RS1/8S681J RD1/2PS681JL	C C C C	853 855 913 914 951					470 µ	F/10	1			CEALNP100M16 CKSQYB102K50 CEA220M16LS CEA470M16LS CCH1019
R R R R	953 954 955 956 959	965								RS1/8S223J RS1/10S472J RS1/10S472J RS1/10S470J RS1/10S102J		952 956 961 t Nu	mber		D	J 16. :						CKSQYB473K25 CCG1008 CEA2R2M50LS2
R R R	960 961 969 974	977	978	979	980	981				RS1/8S103J RS1/8S473J RS1/10S1ROJ RD1/4PS152JL	MIS	t Na SCELLA	NEOUS					====	Part	Name		Part No.
R R R	975 991 998 999									RS1/8S223J RS1/8S0R0J RD1/4PS222JL RS1/10S104J	IC IC						Chip		 e			S-80740AH PD4285 LC7582A DCC010 LAU101K
CA	PACITO	ORS									Х	901					Cerai	nic R	esona	tor		CSS1050
 C C	303 350								Name	Part No. CEA100M16LS2 CEA101M10LS	IL	902 904 908 901	909	910	907 911 904	913	Lamp		908	909	910	CEL1228 CEL1207 CEL1208 CSG-253
C	353 355	354 356	510							CKSQYB821K50 CEA470M16LS CKSQYB103K50	S	911	912	913	914	915	916 LCD	917	918		ch	CSG-253 CAW1125
C C C C	357 358 359 364 365	380 360		955 451		453	454	457	458	CEA100M16LS2 CEA4R7M35LS CEA010M50LS2 CKSQYF104Z25 CEA101M10LS		SISTOR	= Ci									Part No.
C C C C	367 369 370 372 383					4.74	≠F/3	5V		CEAR68M50LS2 CKSQYB103K50 CCSQCH330J50 CEA0R1M50LS2 CCH1016	R R R		910				914	915	916	917	918	RS1/8S103J RS1/10S104J RS1/10S473J RS1/10S103J RS1/10S471J
C		953								CEA470M16L2 CEA100M16LS2		ACITO	= Ci	rcuit	Symb							Part No.
C	456 459									CEA101M10L2												
C C C C C	459 500 501 502	460 504 526	505	507	520					CEA101M10L2 CASAQ4R7M10 CCG1008 CKPYY103M16L CKSYB102K50 CKPYB101K50L		901 902 903 904 906	905									CEA470M6R3LS CKSQYF473Z25 CCSQCH331J50 CKSQYB103K50 CCSQCH221J50

Part Name Part No.
TA8162SN
CXA1102P
AN6263N
KHA272A
CWV1026

15



(I) PIONEER

The Art of Entertainment



ORDER NO. CRT1382

MULTI-CD CONTROL FM/MW/LW TUNER DECK AMPLIFIER

KEH-M7300

(EH-M73005DK wg

MUI TI-CD CONTROL FM/AM TUNER DECK AMPLIFIER

KEH-M7200 us KEH-M7250 ca, es KEH-M550 us

Note:

- See the separate manual CX-197 (CRT1328) for the cassette mechanism description.
- Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
- "Dolby" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

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SAFETY INFORMATION (US MODEL)

CAUTION

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.

Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

Lead in solder used in this product is listed by the California Health and Welfare agency as a known reproductive toxicant which may cause birth defects or other reproductive harm (California Health & Safety Code, Section 25249.5). When servicing or handling circuit boards and other components which contain lead in solder, avoid unprotected skin contact with the solder. Also, when soldering do not inhale any smoke or fumes produced.

SPECIFICATIONS (KEH-M7300/EW)

Grounding systemNegative	e type
Max. current consumption	
Dimensions (chassis)180 (W) x 50 (H) x 150 (D) mm
(front face)188 (W) x 58 (H) x 19 (D	
Weight	
Amplifier	
Maximum power output25 W x 2/15 W x 4 (EIAJ)
Continuous power output11 W x 2 (1% dist. at 1	kHz)
Load impedance	vable)
Max. output level/output impedance (preout)	
500 mV	/1 kΩ
Tone controls (bass)±10 dB (10	
(treble)±10 dB (10	
Loudness contour+12 dB (100 Hz), +7 dB (10	kHz)
(Volume: -3	
· ·	•
Tape player	
Tape Compact cassette tape (C-30 -	C-90)
Tape speed 4.76 cm/sec. (+0.14 cm/sec., -0.05 cm	
Fast forward/rewind time Approx. 100 sec. for	-
Wow & flutter	
Frequency response Metal: 40 – 17,000 Hz (±	
Stereo separation	,
r	

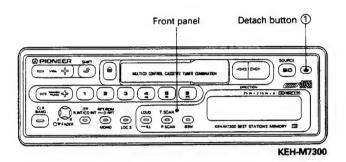
Signal-to-noise ratio
Metal: Dolby B NR IN: 63 dB (IEC-A network)
Dolby NR OUT: 55 dB (IEC-A network)
FM tuner
Frequency range87.5 – 108 MHz
Usable sensitivity 11 dBf (1.0 μ V/75 Ω , mono, S/N: 30 dB)
50 dB quieting sensitivity 16 dBf (1.7 μ V/75 Ω , mono)
Signal-to-noise-ratio70 dB (IEC-A network)
Distortion
Frequency response30 – 15,000 Hz (±3 dB)
Stereo separation
MW tuner
Frequency range531 – 1,602 kHz
Usable sensitivity 18 µV (25 dB) (S/N: 20 dB)
Selectivity
LW tuner
Frequency range
Usable sensitivity30 μV (30 dB) (S/N: 20 dB)
Selectivity
Note:
Specifications and the design are subject to possible modifica-
Specifications and the design are subject to possible modifica- tion without notice due to improvements.

1. USING THE REMOVABLE FRONT PANEL

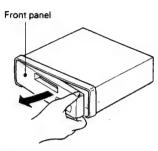
The front panel of this unit can be removed to prevent theft.

Detaching the Front Panel

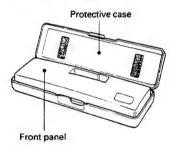
1. Press button ①, and the right-hand side of the panel will eject.



2. To remove the front panel, pull its right-hand side toward you.



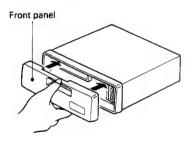
- Take care not to put pressure on the display or drop the front panel.
- Enclose for safekeeping the front panel that is removed in the supplied protective case.



Replacing the Front Panel

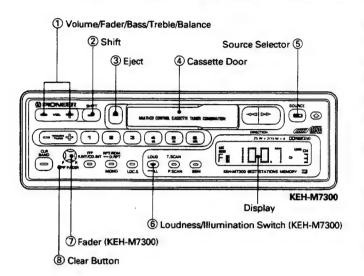
Push the front panel into the main body.

 When replacing the front panel, do not put pressure on the display or control buttons.



 Note that if the front panel is not attached correctly, pushing button ① may not release the panel, and the other control buttons may not function.

2. ADJUSTING VOLUME AND TONE



Using the Clear Button

Once all wiring is complete, press button ® with a thin, pointed object. Though not a normal occurrence, the microprocessor which controls the operation of this unit can be affected by electrostatic noise. This generally is indicated by such symptoms as no power being supplied when you switch the unit on, failure of buttons and controls, or an abnormal display. Should this happen, press button ® with a thin, pointed object to reset the microprocessor.

Switching Power On

Radio

Press button (§) to switch the tuner power on. Press button (§) again to switch the power off.

Tape

Insert the cassette tape through the Cassette Door 4, and the power will be automatically turned on to get the tape start being played back. To eject the tape, press the button 3.

Changing the Source

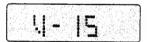
When the cassette tape is inserted, the source changes at each press of the button ⑤: Tape — Radio — OFF. When a Multi-Play CD player — optionally available Multi-Play CD Player CDX-M40, for example — is connected to your unit, the source changes: Multi-Play CD Player — Tape — Radio — OFF.

Adjusting Volume/Fader/Bass/Treble/Balance

To adjust volume, press the button ①. The display changes at each press of the button ②: Volume — Fader — Bass — Treble — Balance. Press the button ① to adjust the displayed mode.

Adjusting Volume

Pressing the (+) side of button 1 increases the volume, while the (-) side decreases it.



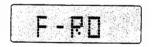
Adjusting the Fader

KEH-M6300:

This function controls the balance between the front and rear speakers of a 4-speaker system. Pressing the (-) side of button ① shifts the balance to the front speakers, while the (+) side shifts it to the rear speakers. In the case of a 2-speaker system, set the display to "F-R0" (or "F-F0").

KEH-M7300

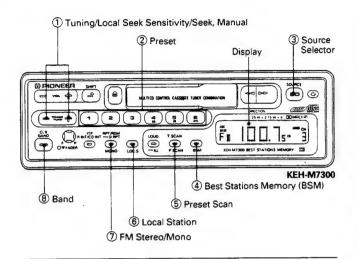
This faber controls the balance between speakers 1 and 2, and speakers 3, which are shown in Figure 1 on page 8. Press the (-) side of button 1 to raise the volume of speakers 1 and 2 only; press the (+) side to raise the volume of speakers 3 only.

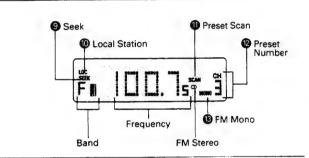


Note:

 The KEH-M7300 has two faders: the electronic preamp fader and the power fader controlled by fader control knob ⑦. The use of both faders depend on the way the speakers are connected.

3. USING THE RADIO





- 1 Press button 3 to switch the radio power on.
- Press button ® to select a band.

FI-FI-FII-M/L

(FM1) (FM2) (FM3) (MW/LW)

Use Button ① to switch betwen MW (531-1,602 kHz) and LW (153-281 kHz).

3 Use seek tuning to tune in a frequency.

Confirm that the SEEK indicator (9) is shown on the display (if not, press the (+) and (-) sides of button ① at the same time). Press the (+) side of button ① to automatically tune in the next higher receivable frequency, and the (-) side for a lower frequency.

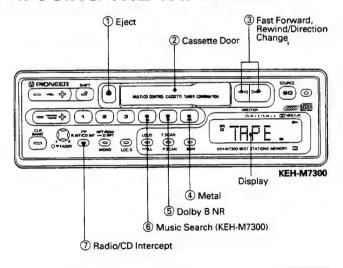
- 4 Adjust volume and tone
- 5 Assign the tuned frequency to one of the buttons in Bank 2 (preset memory).

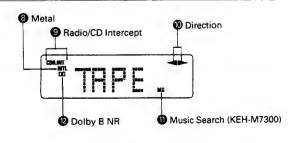
Press and hold down one of the button in Bank 2 for at least two seconds. The frequency is assigned to the selected button when the preset number @ stops flashing on the display. Up to 18 FM stations (6 each for FM1, FM2 and FM3), and six MW/LW stations can be assigned to the preset memory buttons in Bank

6 Once a frequency is assigned to a button in Bank 2, you just need to press that button to tune it in.

This also causes the number of the button pressed to appear at position @ on the display.

4. USING THE TAPE DECK





1 Insert the cassette tape into the slot 2, and power will be turned on and the tape begin being played back.

At this time, the tape running direction indicator (will light up.

- 2 Adjust volume and tone
- 3 To eject the cassette tape, press the button 1.
- A loose or warped label on a cassette tape may interfere with the eject mechanism of the unit or cause the cassette to become jammed in the unit. Avoid using such tapes or remove such labels from the cassette before attempting use.
- Do not try to eject the cassette immediately after insertion, as it will cause malfunction. Wait a few seconds.

Changing Program

Push the fast forward and rewind buttons 3 together to switch from one side of the tape to the other (from Side A to Side B or vice versa).

Using Fast Forward and Rewind

Since the transport can be in either direction, both the left and right high-speed tape transport buttons 3 can be regard as fast forward/rewind buttons.

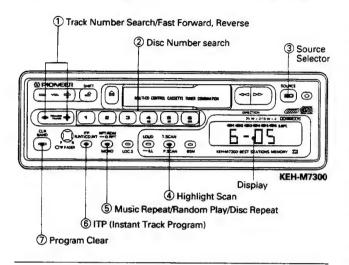
For fast forward, press the high-speed tape transport button 3 that corresponds to the direction that is shown by the direction indicator 10.

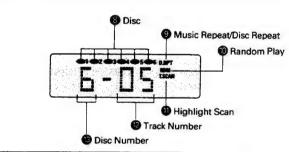
When the end of the tape is reached, playback will automatically begin from the opposite side of the tape (Auto-reverse).

For rewind, press the button 3 that is opposite that of the direction shown by the direction indicator . When the end of the tape is reached, playback will automatically begin from the beginning of the same side of the tape (Auto-replay).

Fast forward and rewind can be terminated by pressing the respective opposite high-speed tape transport button 3.

5. PLAYING COMPACT DISCS





Press button ③ to change the display to the Multi-Play CD player mode and to begin disc play.

Each press of button ③ changes the mode as follows: Multi-Play CD player — Tape — tuner — OFF

2 Use the Disc Number Search function to select a disc.

Select the desired disc by pressing one of the buttons in Bank ②. The number of the disc selected appears at position ③ on the display.

- Display (3) indicates whether the magazine is loaded or empty.
- If the number at position ® on the display does not change when you press a button in Bank ②, it means that there is no disc loaded in that tray.

3 Use Track Number search to select a track.

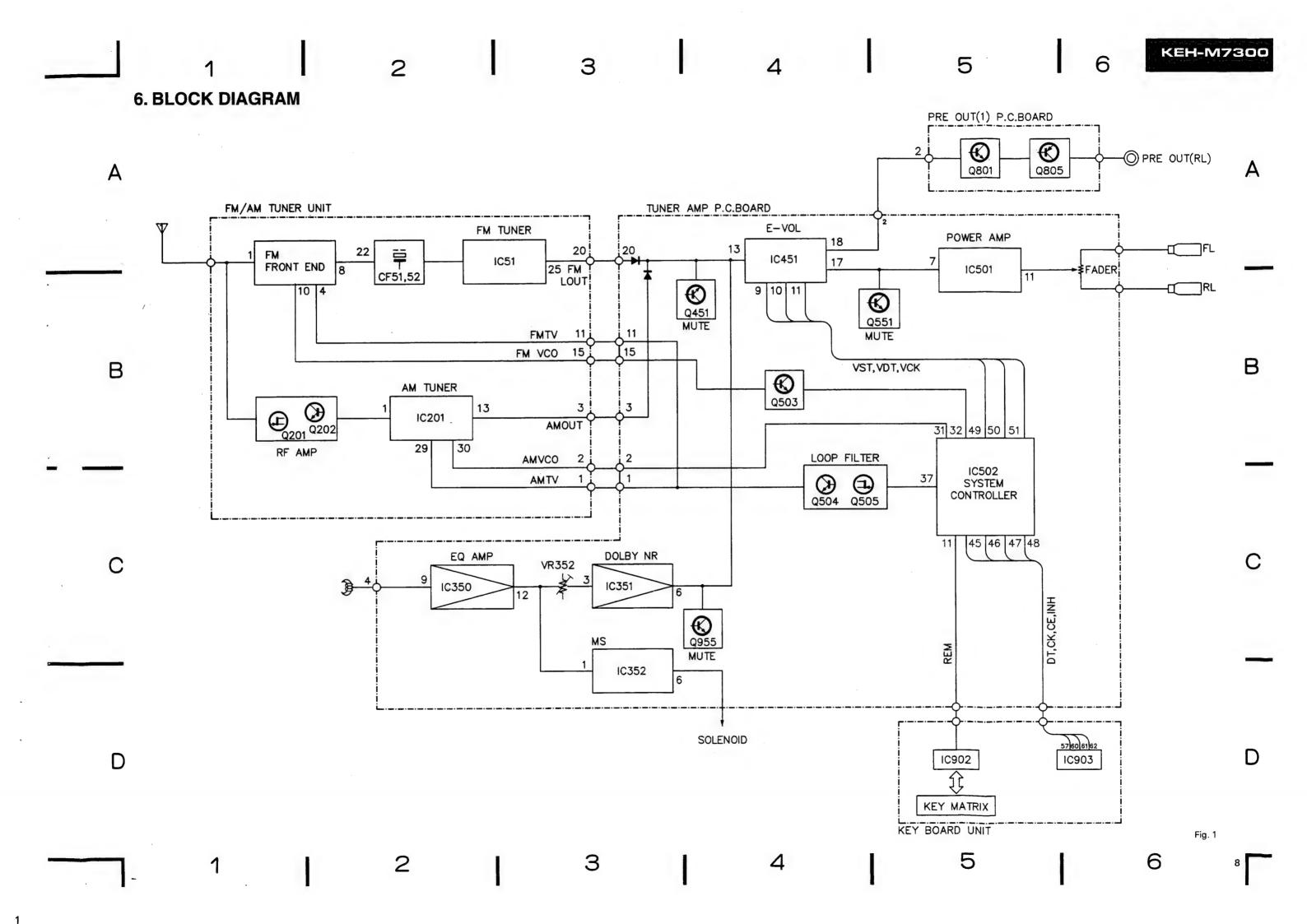
Confirm that Track Number is shown at Position (2) on the display.

If not, press the (+) and (-) sides of button ① at the same time. Press the (+) side of button ① to increase the number at Position ②, or the (-) side to decrease the number. Holding either side of button ① down changes the track number at high speed.

- 4 Adjust volume and tone
- 5 To stop disc play, press button 3.

At another press, the normal play resumes from about where it stopped.

 If you stopped operating a Multi-Play CD Player CDX-M100 in the middle of music and then restarted, the player resumes playing from the very beginning of the selection with which you stopped.



7. DISASSEMBLY

- Removing the case
- 1. Insert and turn a screwdriver at locations indicated by arrows to remove the case.
- Removing the grille assy
- 1. Press the detach button, and then pull grille assy.

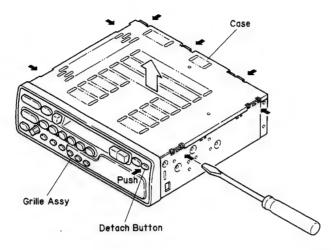
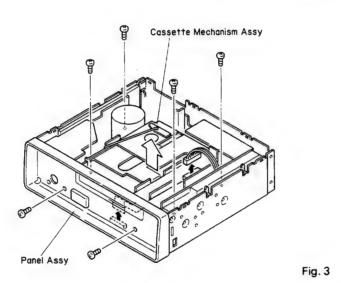


Fig. 2

- Removing the cassette mechanism assy
- 1. Remove the four screws.
- 2. Disconnect the connector.
- 3. Remove the cassette mechanism assy.
- Removing the panel assy
- 1. Remove the two screws.
- 2. Disconnect the connector.
- 3. Remove the panel assy.



- Removing the chassis unit
- 1. Remove the five screws.
- 2. Remove the antenna plug.
- 3. Remove the chassis unit.

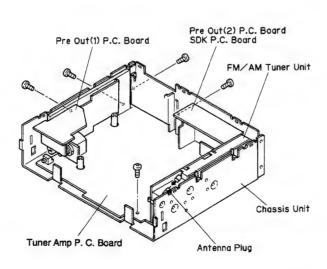


Fig. 4

8. ADJUSTMENT

8. 1 TEST MODE

Test mode is mainly used in adjustment of CD multi-players.

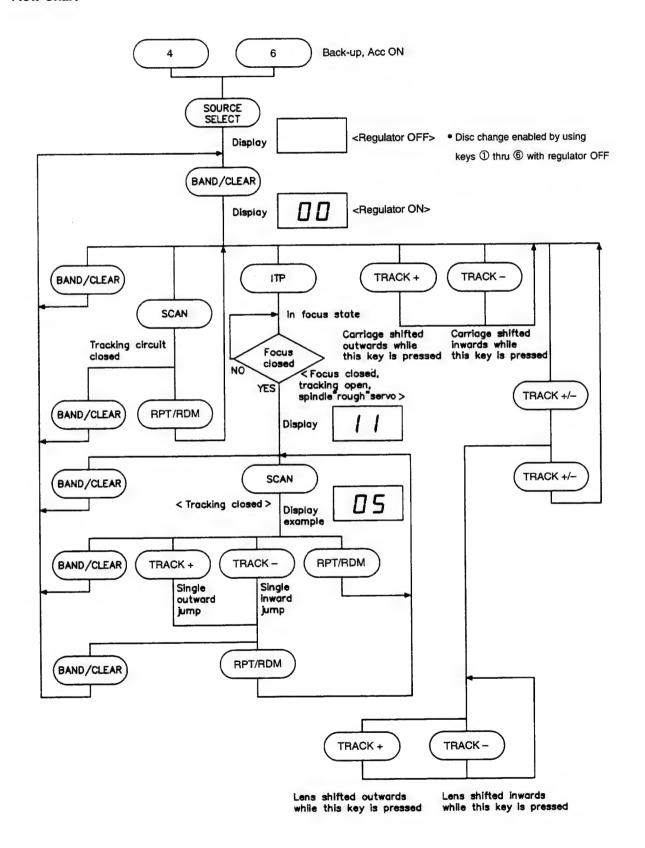
- Switching to test mode
- While pressing the 4,6 keys together, switch the back-up and the ACC ON.
- Canceling test mode
- While pressing the CD multi-player clear button, switch the this unit back-up and ACC OFF.
- Key functions during test mode
 The CD multi-player, deck, and tuner are selected by the SOURCE button.
- a) CD multi-player

key	Function
BAND/CLEAR	Regulator ON/OFF
TRACK +	FWD kick
TRACK -	REV kick
SCAN	Tracking close
RPT/RDM	Tracking open
ITP	Focus close
TRACK +/ -	Carriage/tracking switching

b) Deck and tuner

No corresponding function. Normal operation executed.

Flow Chart



8. 2 TUNER ADJUSTMENT

NOTICE:

Select C1 so that total capacity of 80pF is attained from the direction of the receiver jack.

Z: Output impedance of SSG.

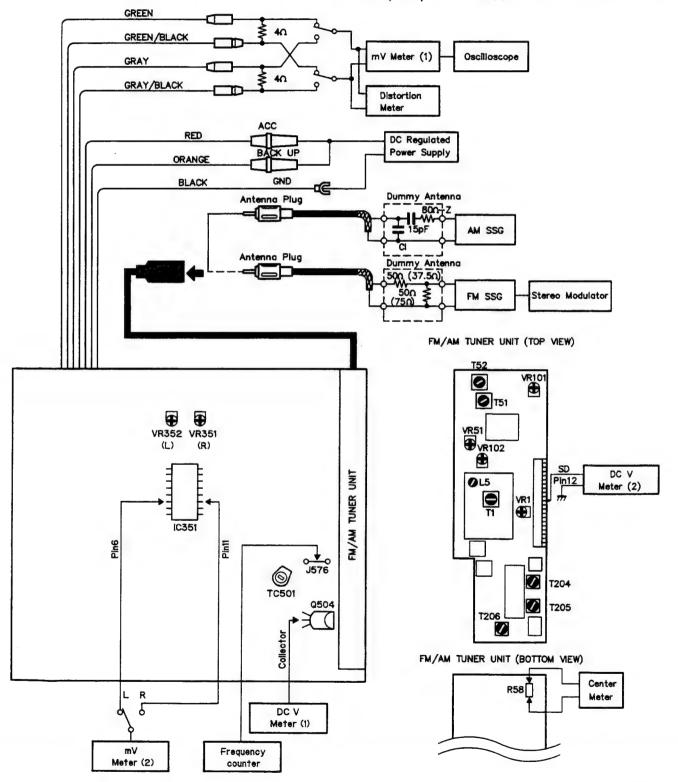


Fig. 5

*(): EW, WG, ES Model

		FM SSG (400	Hz, 100%)	Displayed	Adjusting	Adjustment Method
	No.	frequency (MHz)	Level(dBμV)	Frequency (MHz)	Point	(Switch Position)
l F	1	98. 1	60	98.1	T 5 1	Center Meter:0
	2	98. 1	60	98.1	T 5 2	Distortion Meter:Minimum
	3	Repeat No. 1-2 a distortion mete				ndicates the O output and
Fro-	1			107.9	L 5	DC V Meter (1):6.2±0.2V
n t En d	2			87.9 *(87.5)		Verify that DCV Meter(1) is more than 2.1 ± 0.6V
	3	98. 1	8	98.1	T 1	Oscilloscope:Optimum Symmetry
	4	98.1%	60	9 8. 1	T1	Distortion Meter:Minimum Rotate T1 less than±90°
Soft	1	98. 1	60	98.1		mV Meter(1):A dB
Mute	2	98. 1	9	98.1	VR 102	mV Meter(1):A-3dB
ARC	1	98.1%	34	98.1	VR 101	mV Meter(1):Separation 5dB
SD	1	98. 1	15	98.1	VR 5 1	DC V Meter(2):Approx. 5V
	2	98. 1	14	98.1		Verify that DC V Meter (2) is approx. OV.
	3	98. 1	55	98.1	VR 1	DC V Meter(2):Approx. 5V
		Connect collects FM front end th	or of Q2 to GN rough resistor	D. Connect D (330Ω). Add	C regulated 4.3v from D	power supply to pin 3 of C regulated power supply.
	4	98. 1	5 4	98.1		Verify that DC V Meter (2) is approx. OV.

AM ADJUSTMENT (US, CA, ES model) * ():ES model when tuning step at 9kHz.

	No.	AM SSG (400	Hz. 30%)	Displayed	Adjusting	Adjustment Method (Switch Position)		
	NO.	Frequency(kHz)	Level (dВµV)	Frequency (kHz)	Point			
Tun- ing Volt	1			1,710 *(1.602)		Verify that DC V Meter (1) is less than 6.5V.		
V O11	2	·		530 * (531)		Verify that DC V Meter (1) is more than 2.0V.		
l F	1	1.000 (999)	15	1.000	T204.205. 206	mV Meter (1):Maximum		

MW/LW ADJUSTMENT (EW, WG model)

	No.	AM SSG (400	Hz, 30%)	Displayed	Adjusting	Adjustment Method		
	No.	Frequency (kHz)	Level (dBμV)	Frequency (kHz)	Point	(Switch Position)		
Tun- ing Volt	1	(MW MODE)		1,602		Verify that DC V Meter (1) is less than 6.5V.		
	2	(LW MODE)		153		Verify that DC V Meter (1) is more than 2.0V.		
l F	1	999	20 — 25	999	T204, 205. 206	mV Meter(1):Maximum		

DOLBY NR ADJUSTMENT

No.	Cassette Tape	Adjusting Point	Adjustment Method (Switch Position)
1	NCT-150 (400Hz, 200nwb/m)	VR352 (Lch) VR351 (Rch)	mV Meter(2):-6dBs±1dB (DOLBY NR Switch:OFF)

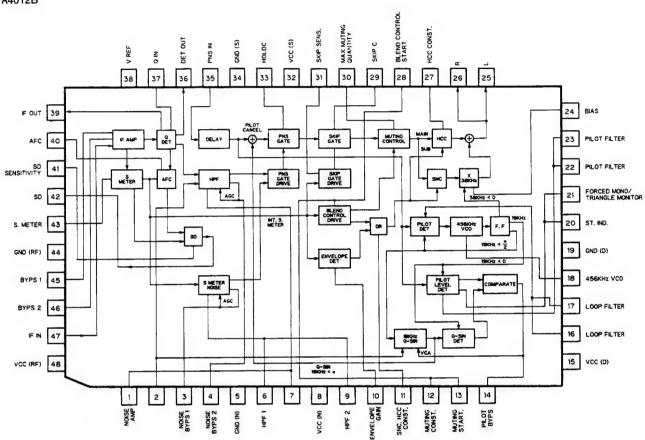
CLOCK ADJUSTMENT (US. CA. ES model)

ES model when tuning step at 9kHz.

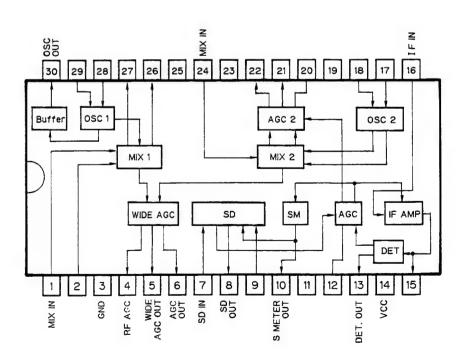
No.	Adjusting Point	Adjustment Method
1	AM Tuner Mode	Display:US, CA model 1,710kHz Display:ES model 1,602kHz
2	TC501	Frequency Counter: US, CA model 12,420kHz±50Hz Frequency Counter: ES model 12,312kHz±50Hz

•ICs

PA4012B

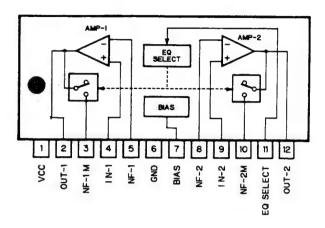


PA4017

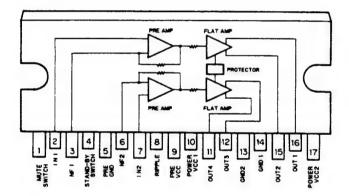


KEH-M7300

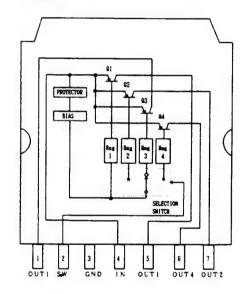
TA8162SN



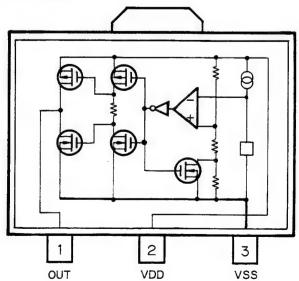
TA8215H-A



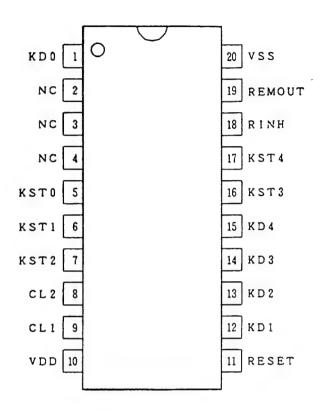
TA8214K



S-80740AH



PD4285



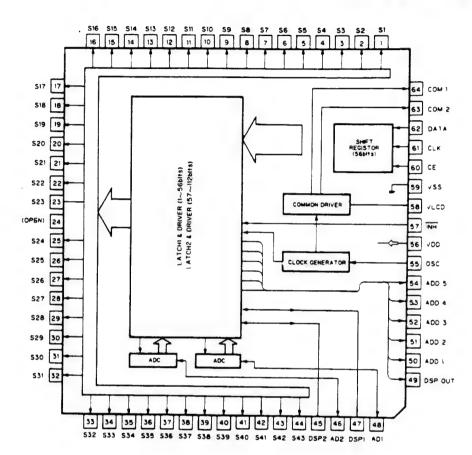
•Pin Functions (PD4285)

Pin No.	Pin Name	1/0	Output Format	Function and Operation
1	KDD	INPUT		Key return input
2 - 4	NC			
5 - 7	KSTO - KST2	OUTPUT	NM	Key strobe output
8	CL2			System clock generator connector pin
9	CL1			System clock generator connector pin
10	VDD			
11	RESET	INPUT		Reset input
12 - 15	KD1 - KD4	INPUT		Key return input
16, 17	KST3, KST4	OUTPUT	NM	Key strobe output
18	RINH	OUTPUT	NM	Remote controller OFF output when key
				data is outputed
19	REMOUT	OUTPUT	NM	Remote controller data output
20	vss			GND

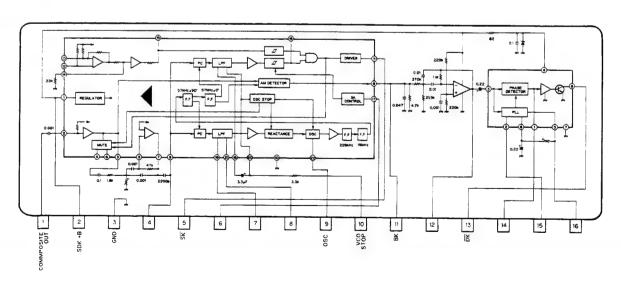
Output Format	Meaning
NM	Neutral resistivity N channel open drain

* LC7582A liable to be

IC's marked by * are MOS type. Be careful in handling them because they are very liable to be damaged by electrostatic induction.

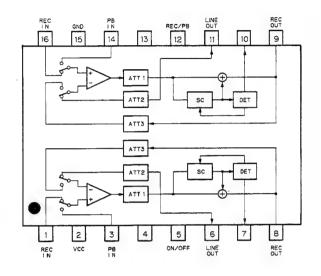


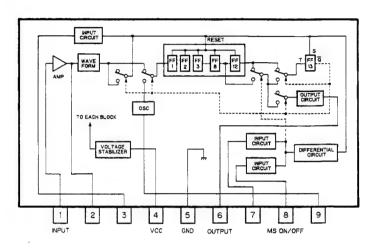
KHAC02



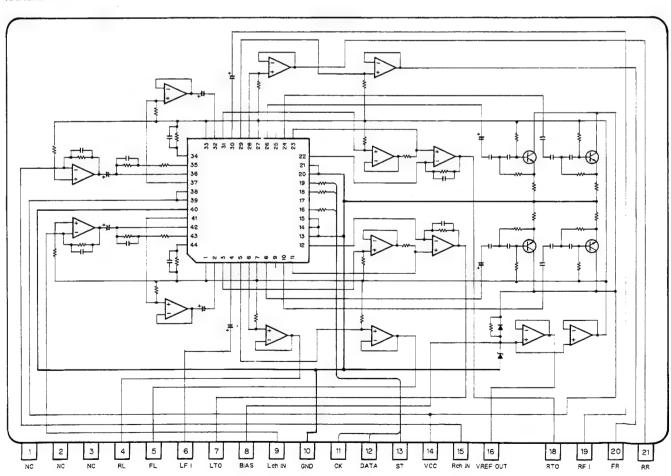
CXA1102P

AN6263N

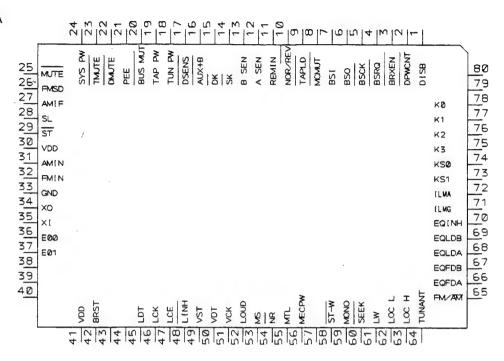




KHA272



* PD4302 PD4343A



•Pin Functions (PD4302, PD4343A)

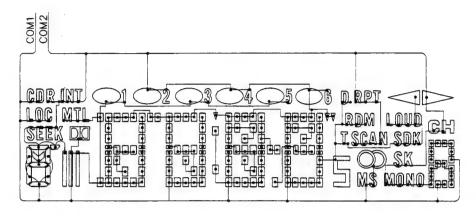
Pin	Pin Name	1/0	1/0	Function and Operation
No.			Format	
1	DISB	Output	C	AUX control output
2	DPWCNT	Output	С	Front panel EJECT/REPLACE control signal output
3	BRXEN	Input/		Bus reception enable line
		Output		
4	BSRQ	Input/		Data communications serial poll request
		Output		
5	BSCK	input/		Bus serial clock input/output
		Output		
6	850	Output		Bus serial data output
7	BSI	Input		Bus serial data input
8	MCMUT,	Input		Mechanism mute request
9	TAPLD	Input		Cassette loading input
10	NOR/REV	Input		Deck FWD/REV sensor input
11	REMIN			Key input
12	ASENS			ACC sense input
13	BSENS			Back up sense input
14	SK	Input		SK signal input
15	DK	Input		DK signal input
16	AUX+B	Input		AUX input
17	DSENS	Input		Front panel EJECT/REPLACE sensor input
18	TUNPW	Output	N	Tuner power supply control
19	TAPPW	Output	N	Deck power supply control
20	BUSMUT	Output	N	Bus mute output
21	PEE	Output	C	Beep tone output
22	DMUTE	Output	C	Deck mute output
23	TMUTE	Output	С	Tuner mute output

Di-	Die Neer	1/0	170	Function and Onevation
Pin	Pin Name	1/0	1/0	Function and Operation
No.	01100111		Format	
24	SYSPW	Output	C	System power supply control
2.5	MUTE	Output	C	Mute
26	FMSD	Input		FM IF input
27	AMIF	Input		AM IF input
28	SL	Input		Signal level input
29	ST	Input		Stereo signal input
30	VDD	ļ		
31	AMIN	Input		AM VCO input
3 2	FMIN	Input		FM VCO input
33	GND			
34,35	Xout, in			
36,37	E00, 1			
38-40				Not used
41	VDD			
42	BRST	Output	С	Bus reset
43,44				Not used
45	LDT	Output	С	LCD driver data output
46	LCK	Output	С	LCD driver clock
47	LCE	Output	С	LCD driver CE
48	LINH	Output	С	LCD driver INH
49	VST	Output	С	E-VOL strobe
50	VDT	Output	С	E-VOL data
51	VCK	Output	С	E-VOL clock
52	LOUD	Output	С	Loudness
53	MS	Output	С	Music signal input
54	NR	Output	С	Dolby NR ON/OFF output
55	MTL	Output	С	Deck METAL (70 μ S) output
56	MECPW	Output	С	Deck power supply control
57	- T-111			Not used
58	ST-W	Output	C	Stereo wide
59	MONO	Output	С	Mono output
60 61	SEEK	Output	С	"L" output when SEEK
62	FM	Output	C	LW output
63	FOCH	Output		Local L
64	TUNANT	Output		Local H
65		Output		Antenna output
66	FM/AM	Output	C	FM/AM switching
	EQFDA	Output	С	1P. EQ Fc control
68	EQFDB	Output	C	1P. EQ Fc control
69	EQLDA	Output	C	1P. EQ level control
70	EQLDB EQINH	Output	C	1P. EQ level control
71		Output		1P. EQ INH
72	ILLMG	Output	C	Green illumination light output
	ILLMA	Output	C	Amber illumination light output
73 74	KS1 KS0	Output	C	Model sense output
75-78		Output	С	Model sense output
	K3-K0	Input		Key matrix input
79.80				Not used

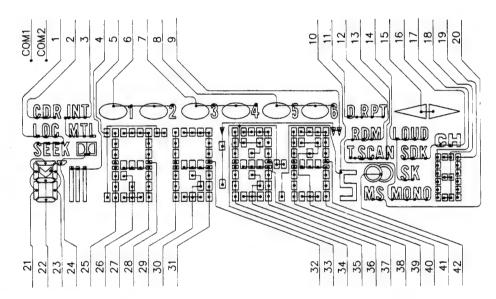
Output Format	Meaning
С	CMOS Output
N	N channel open drain

•LCD (CAW1124)

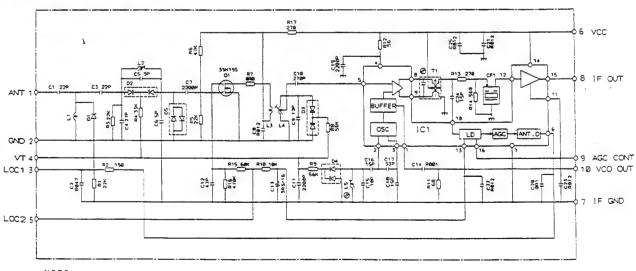
COMMON



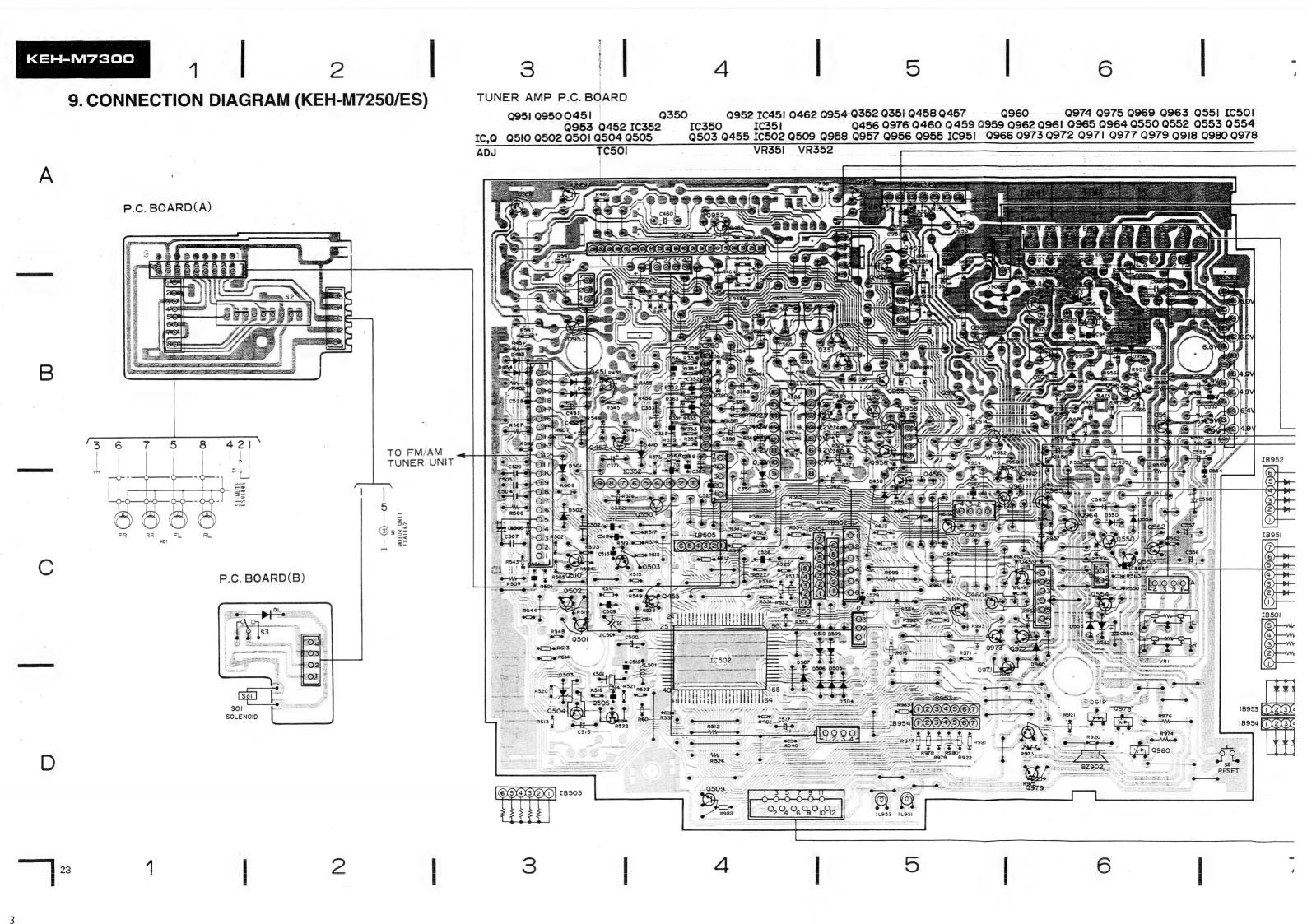
SEGMENT

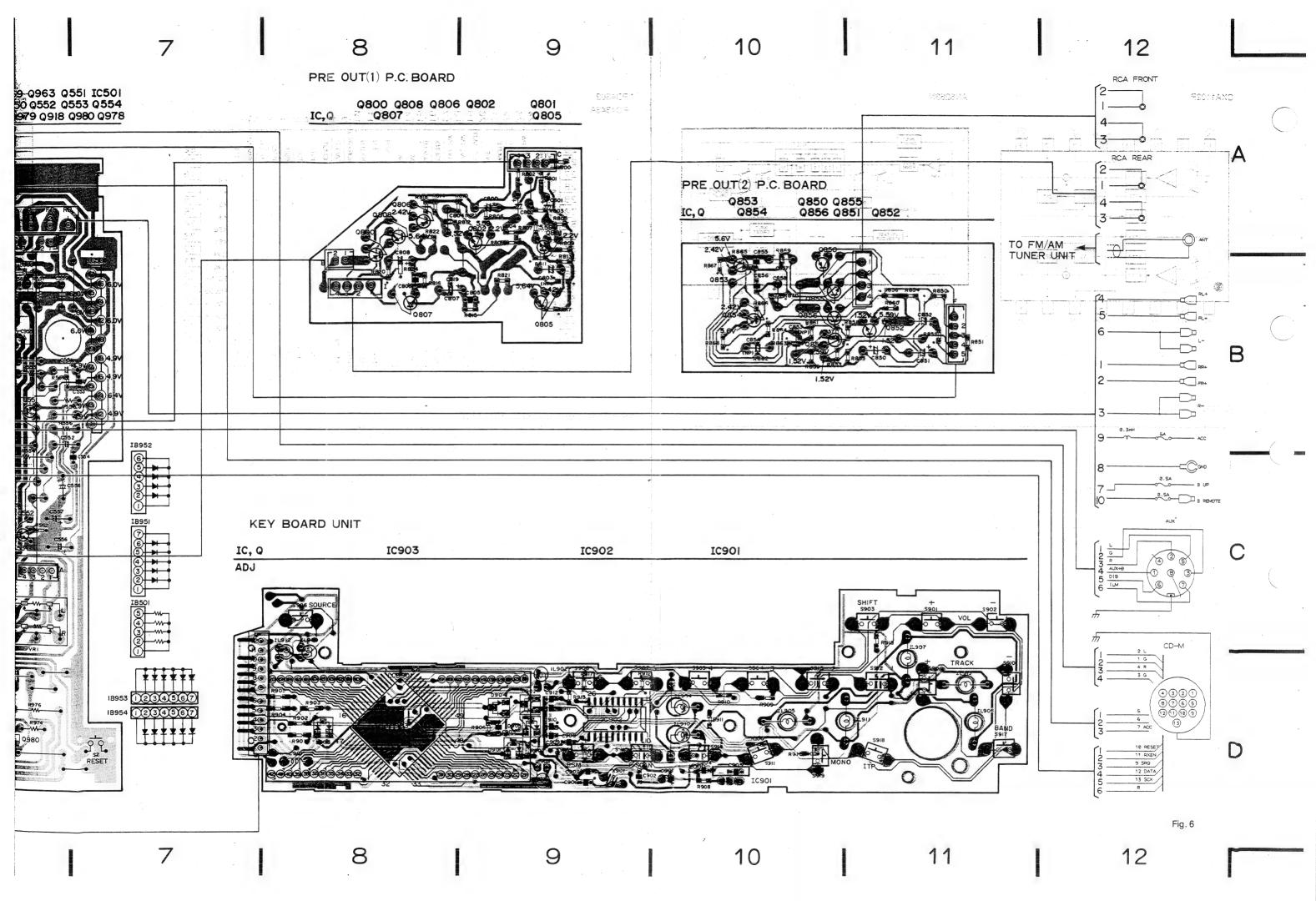


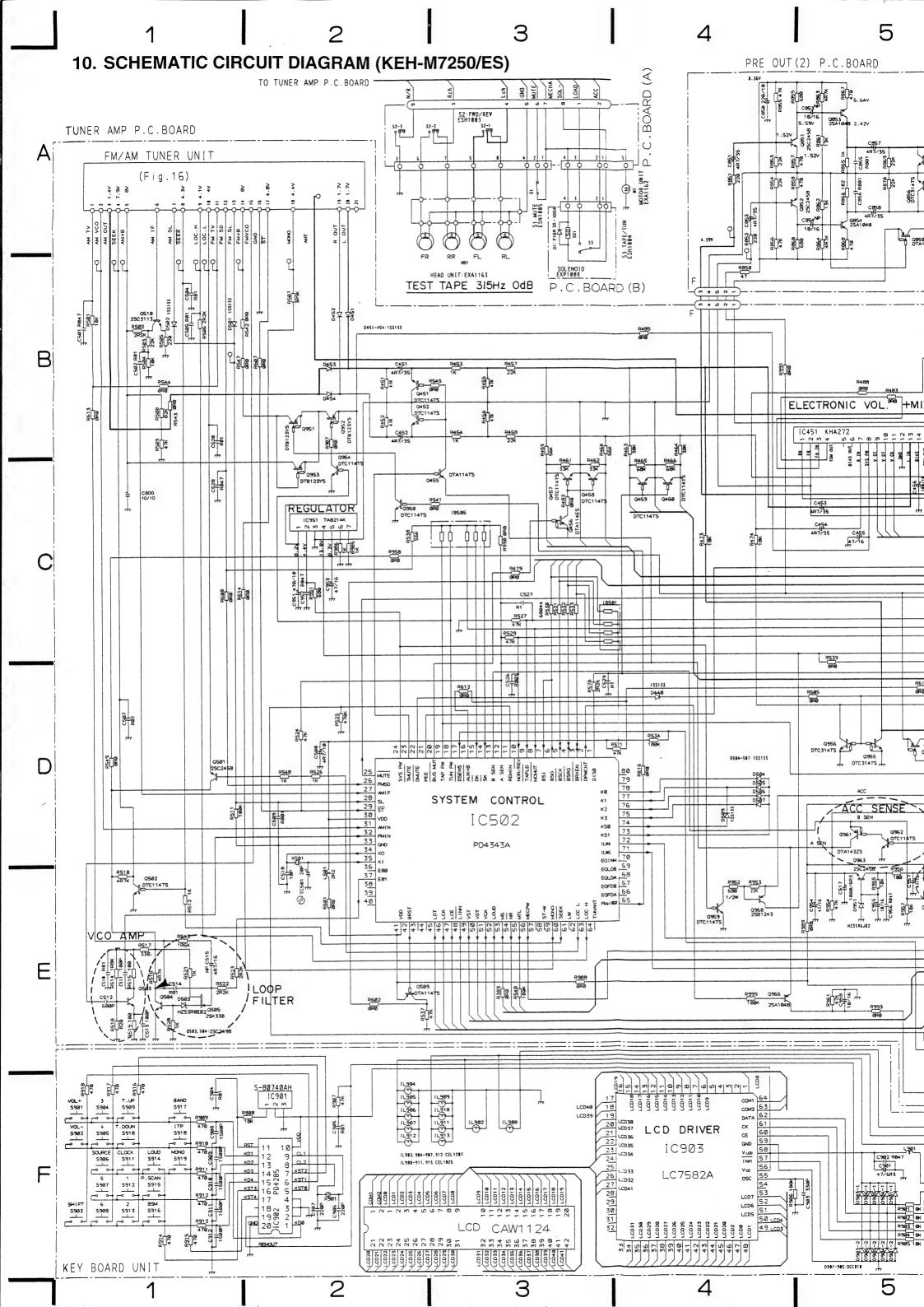
•FM FRONT END (CWB1035)

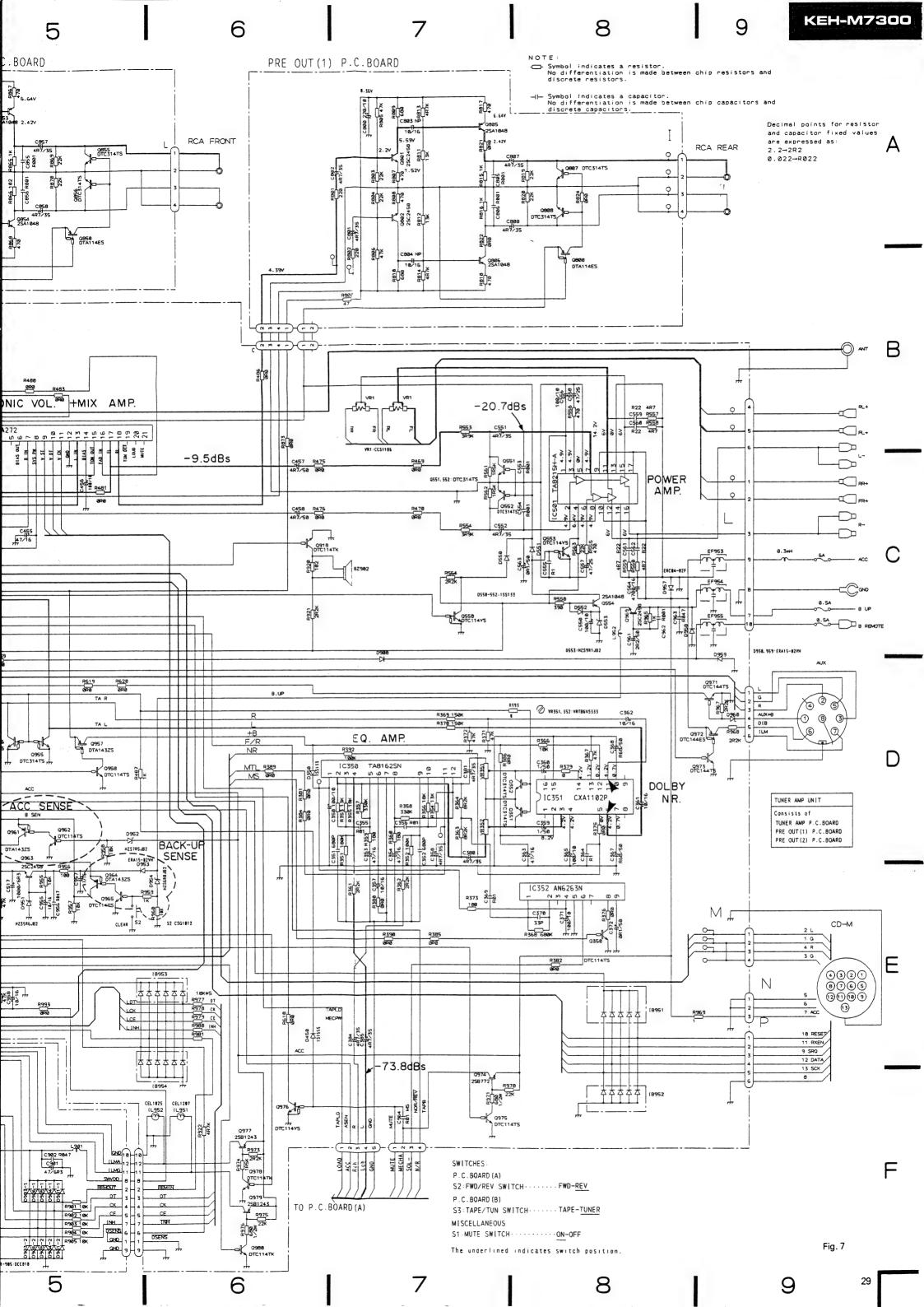


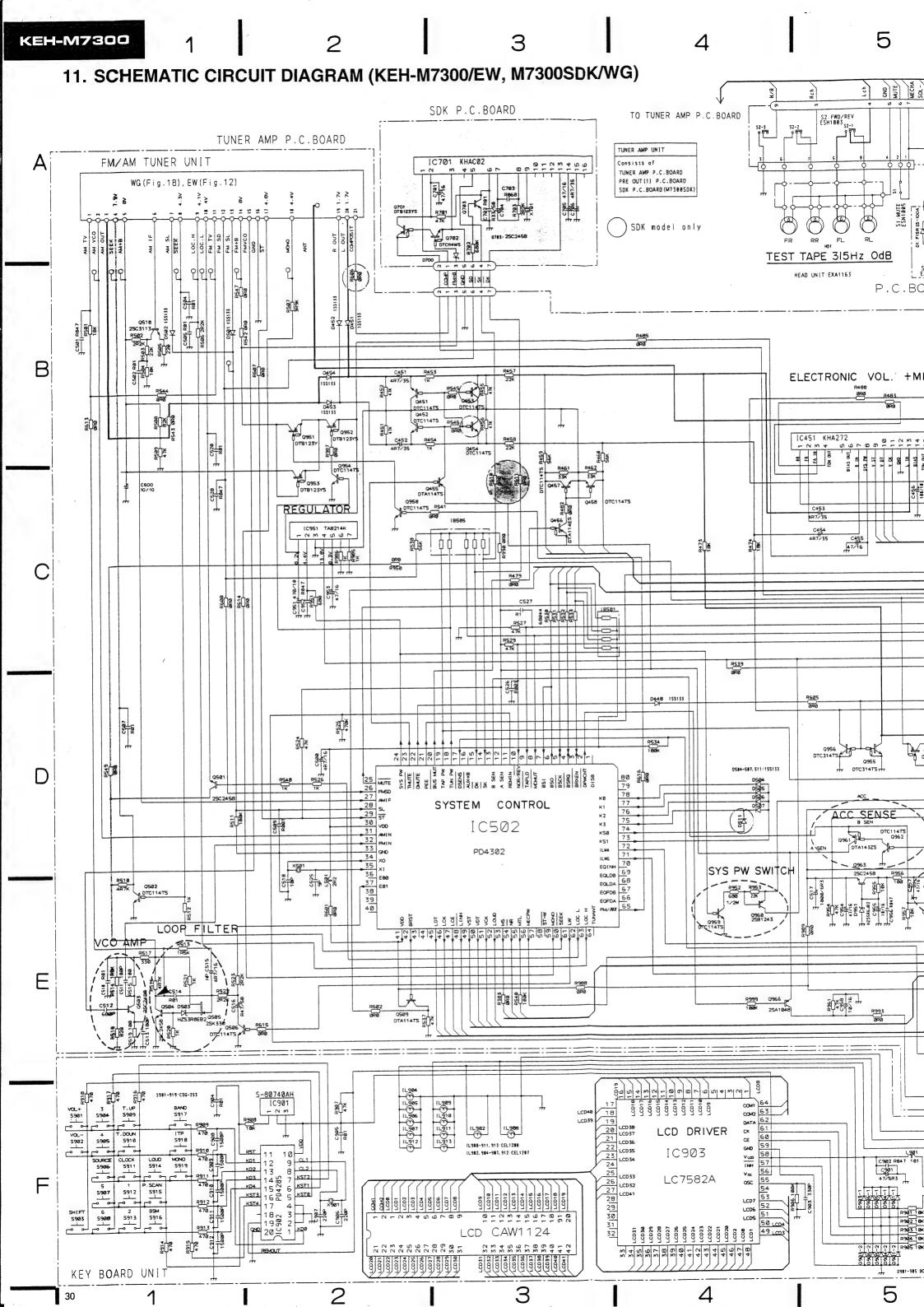
- NOTE
- Symbol indicates a resistor.
 No differentiation is made between chip resistors and discrete resistors.
- HE Symbol indicates a capacitor.
 No differentiation is made between thip capacitors and discrete capacitors.
- Decimal points for resistor and capacitor fixed values are expressed as 2.2-2R2 0.022-R022

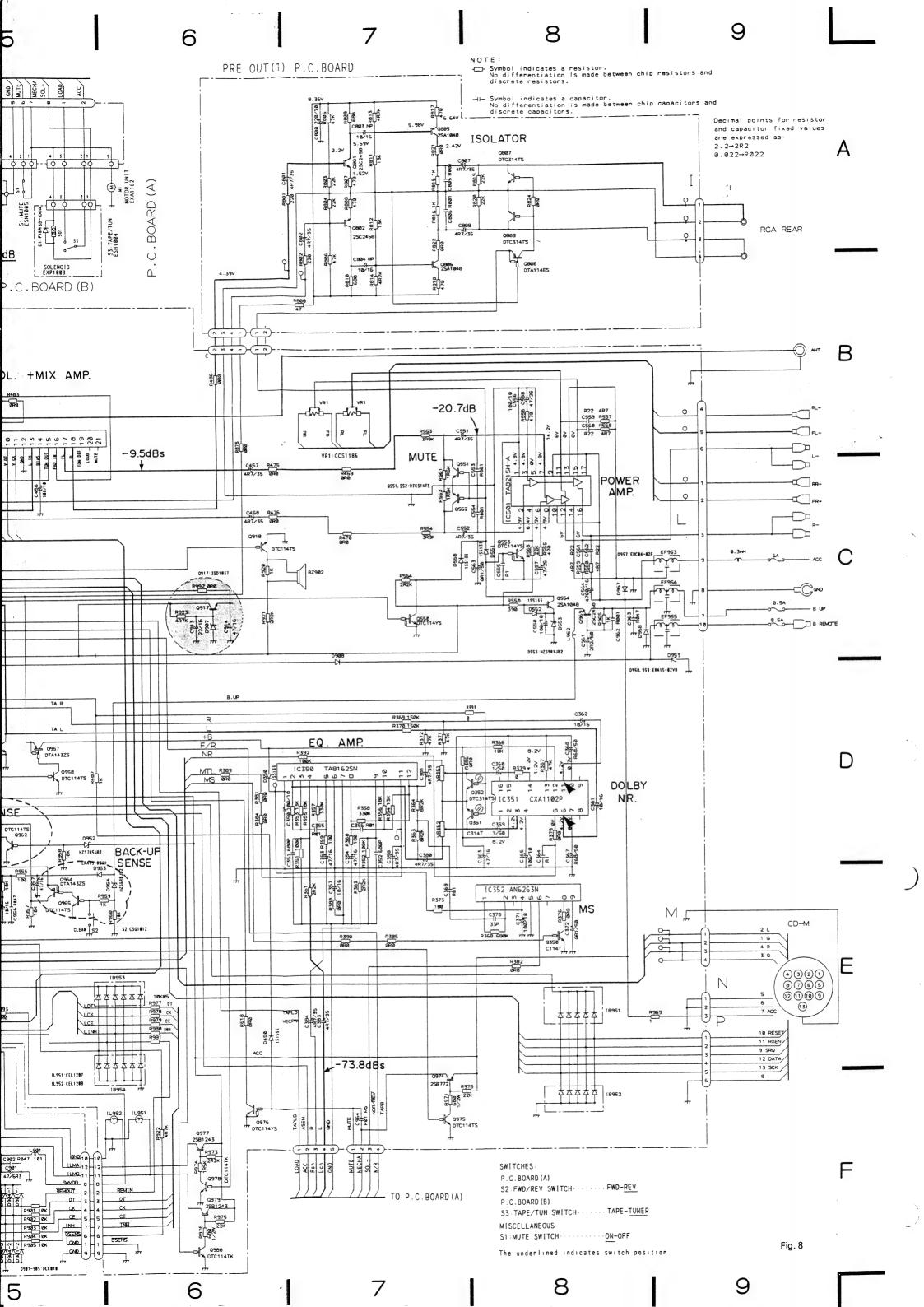


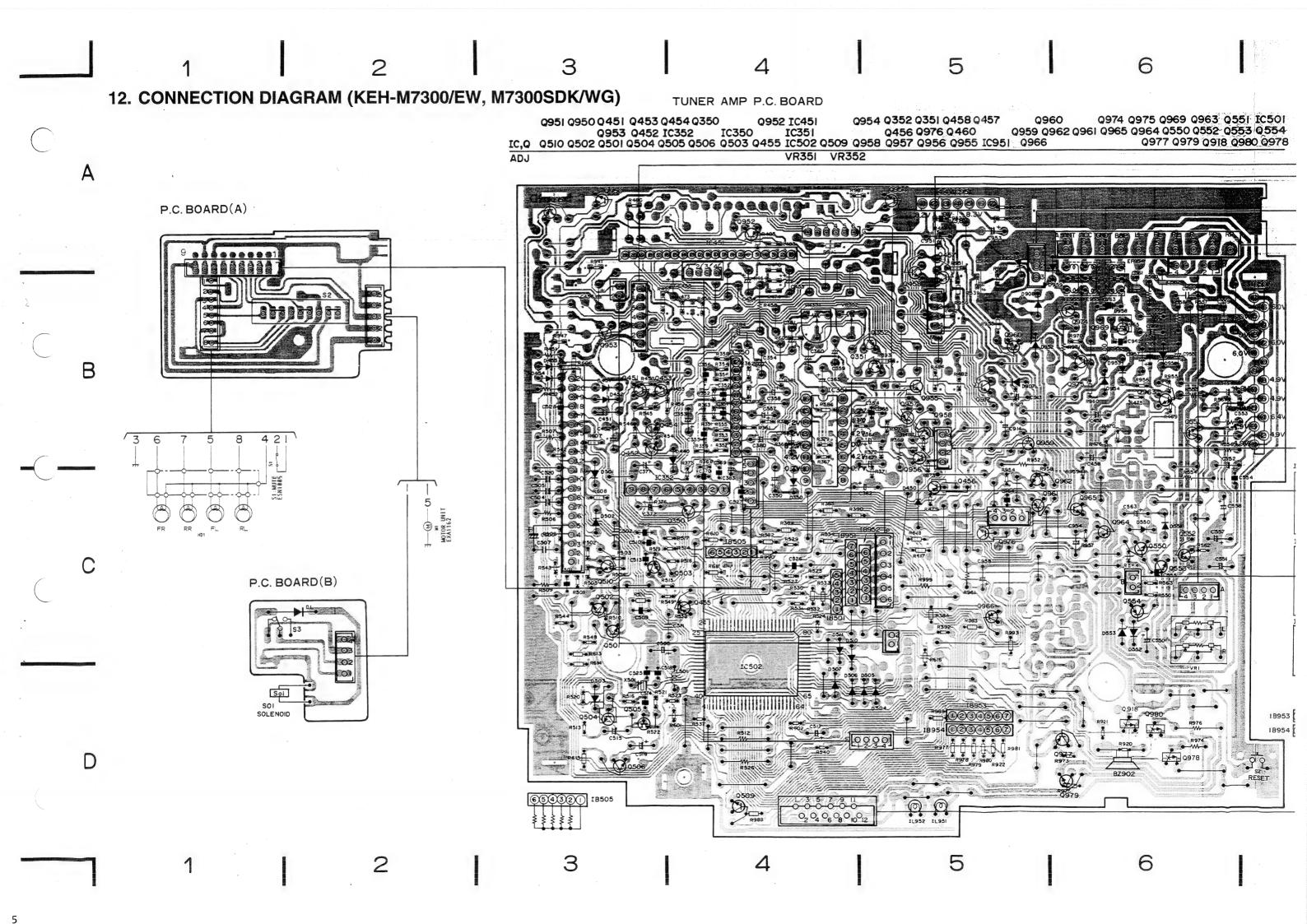


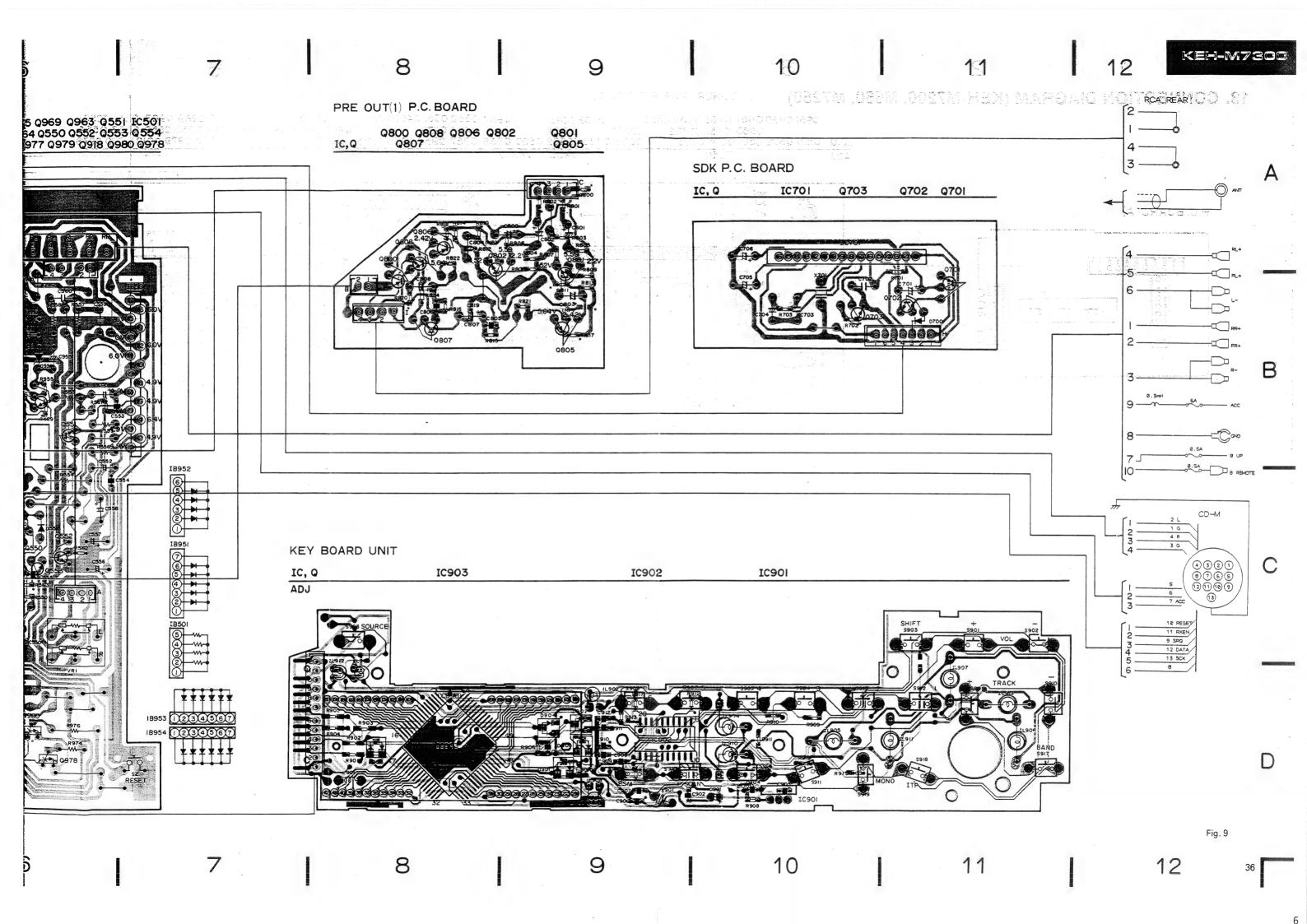


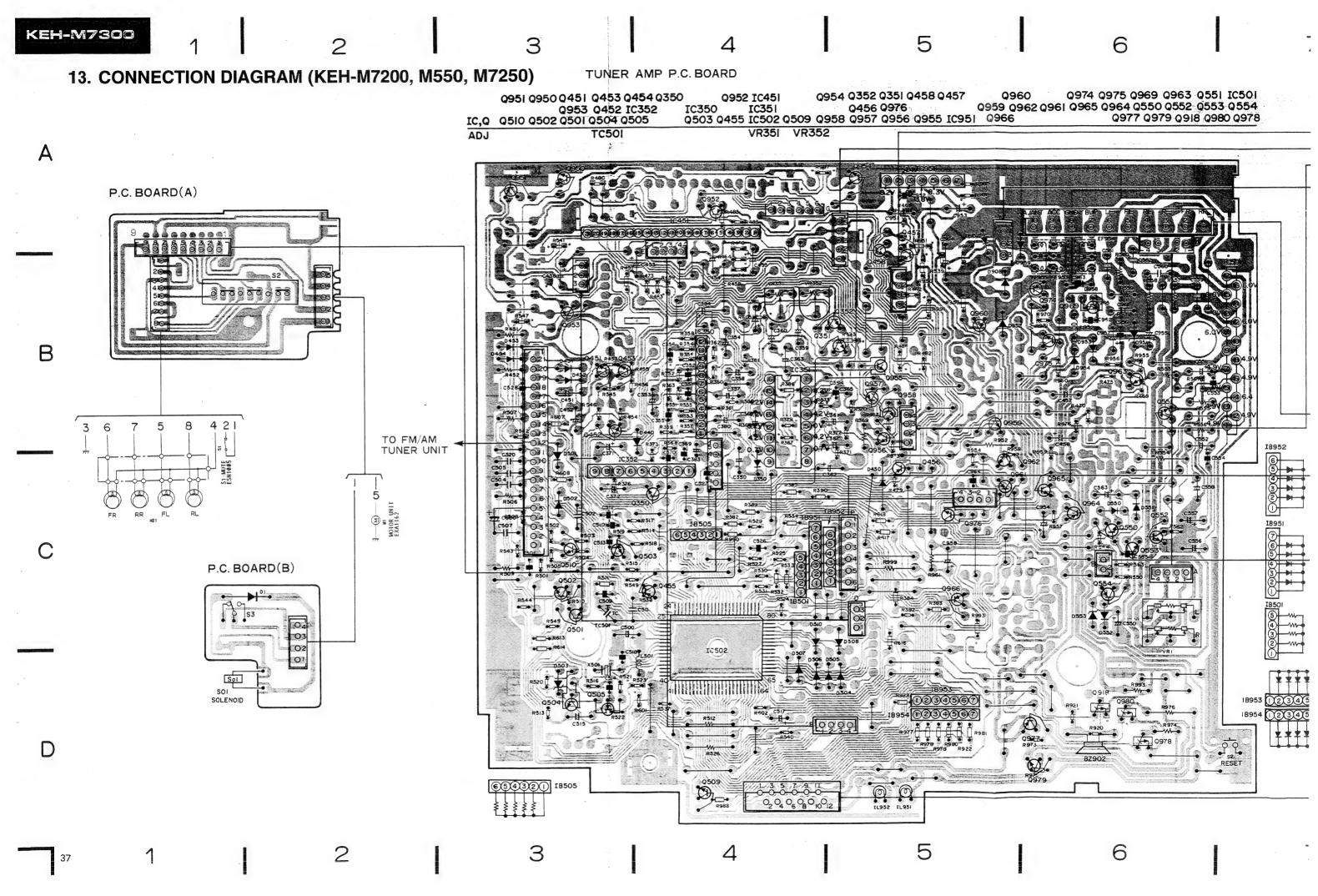




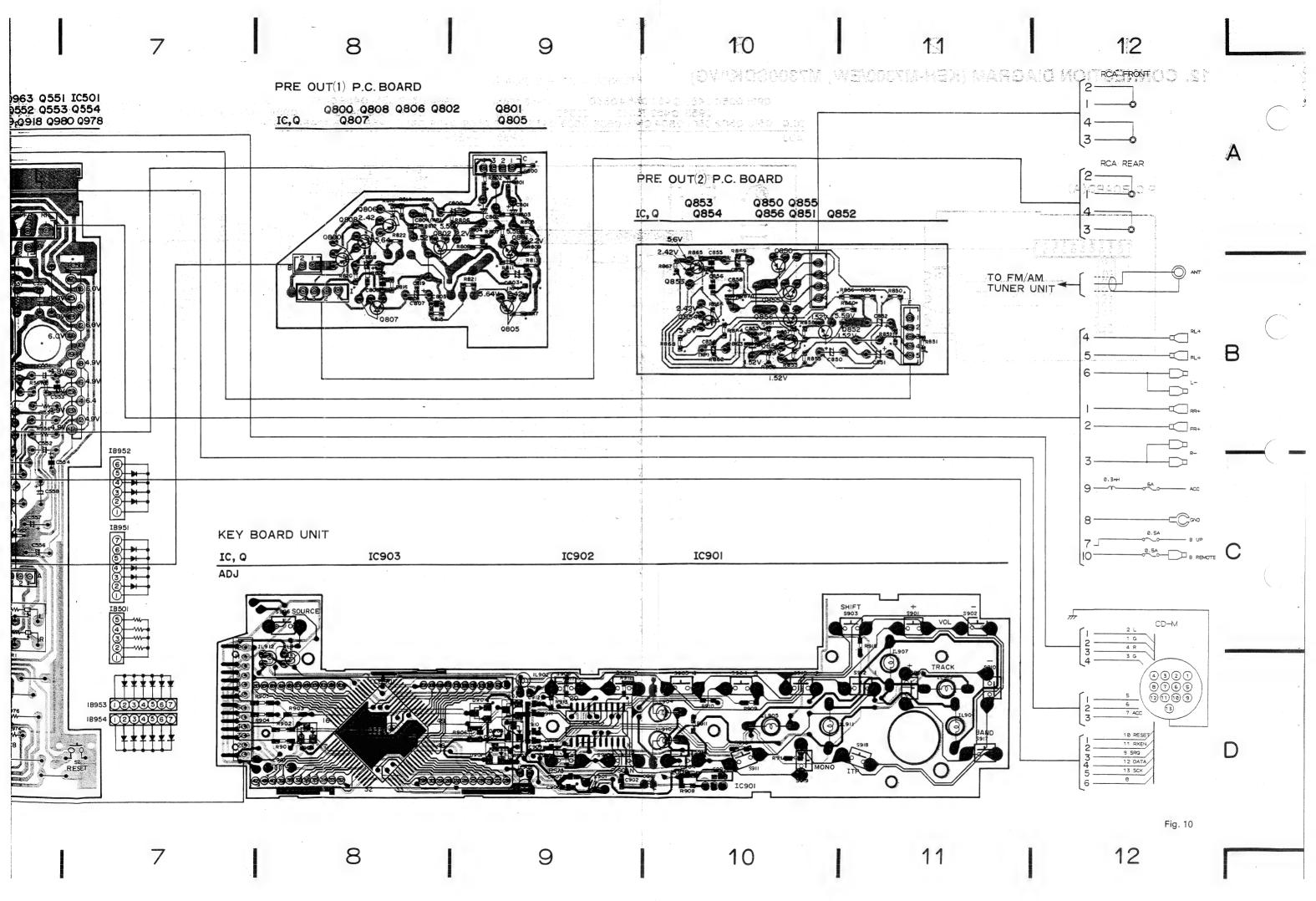


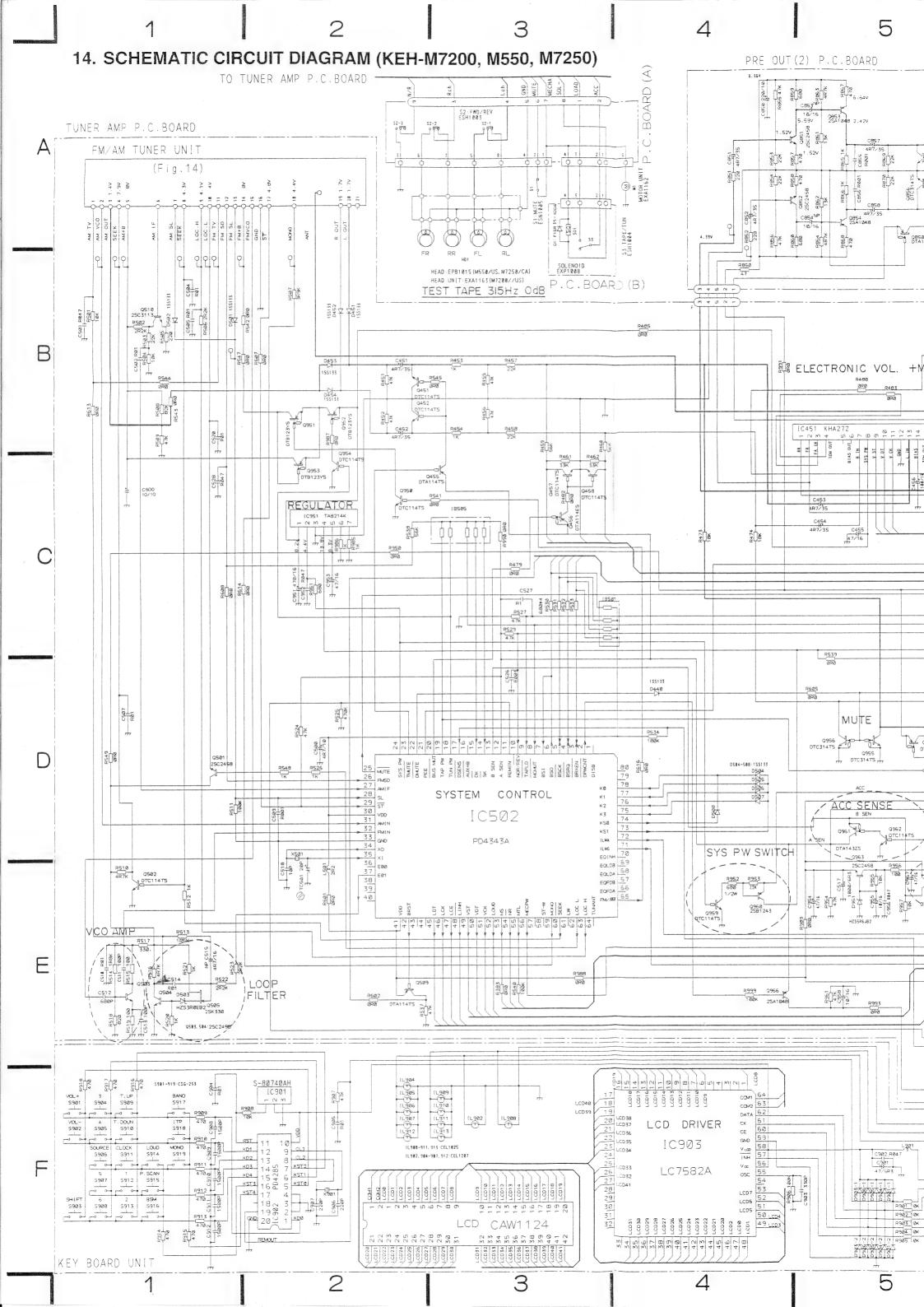


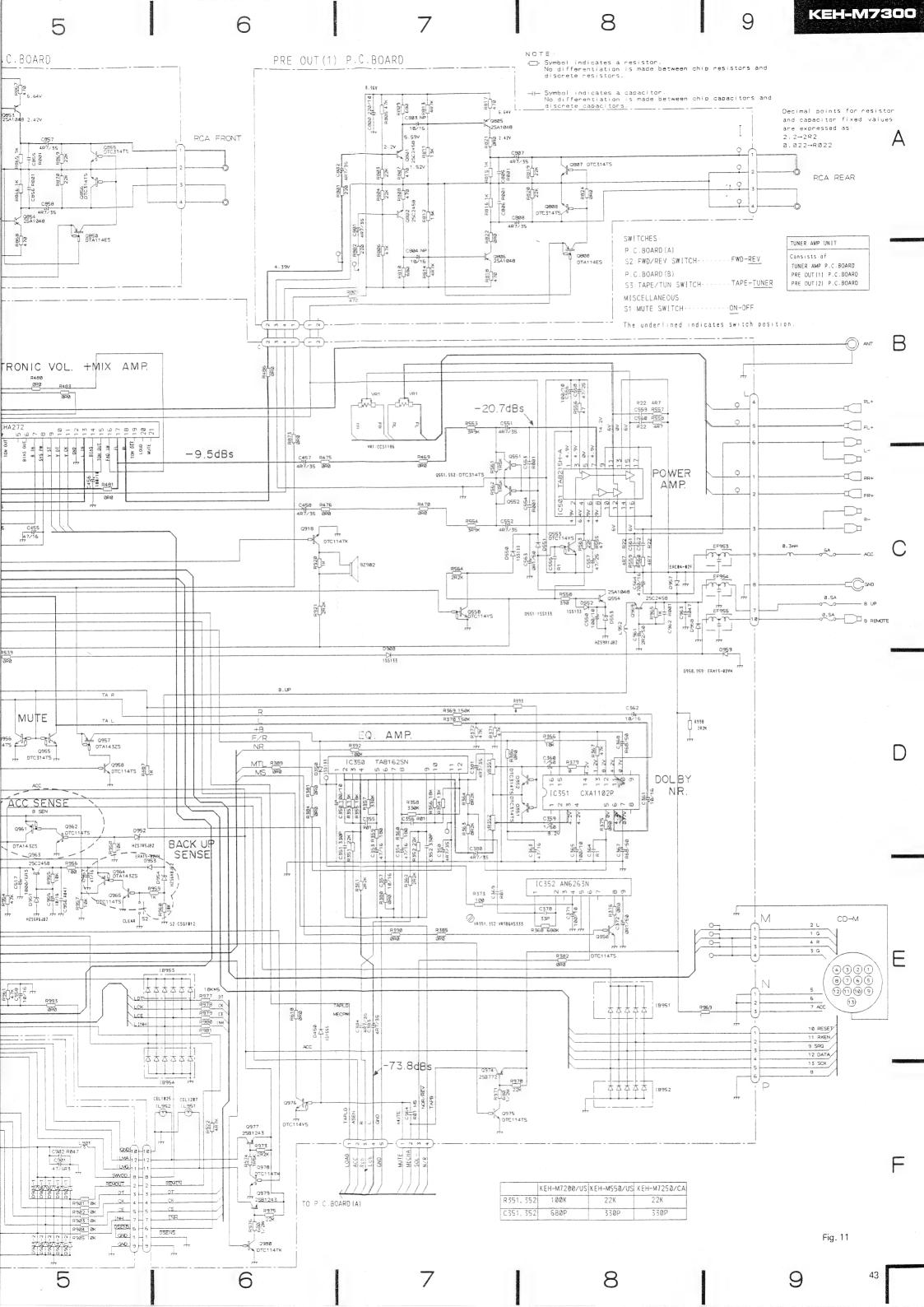




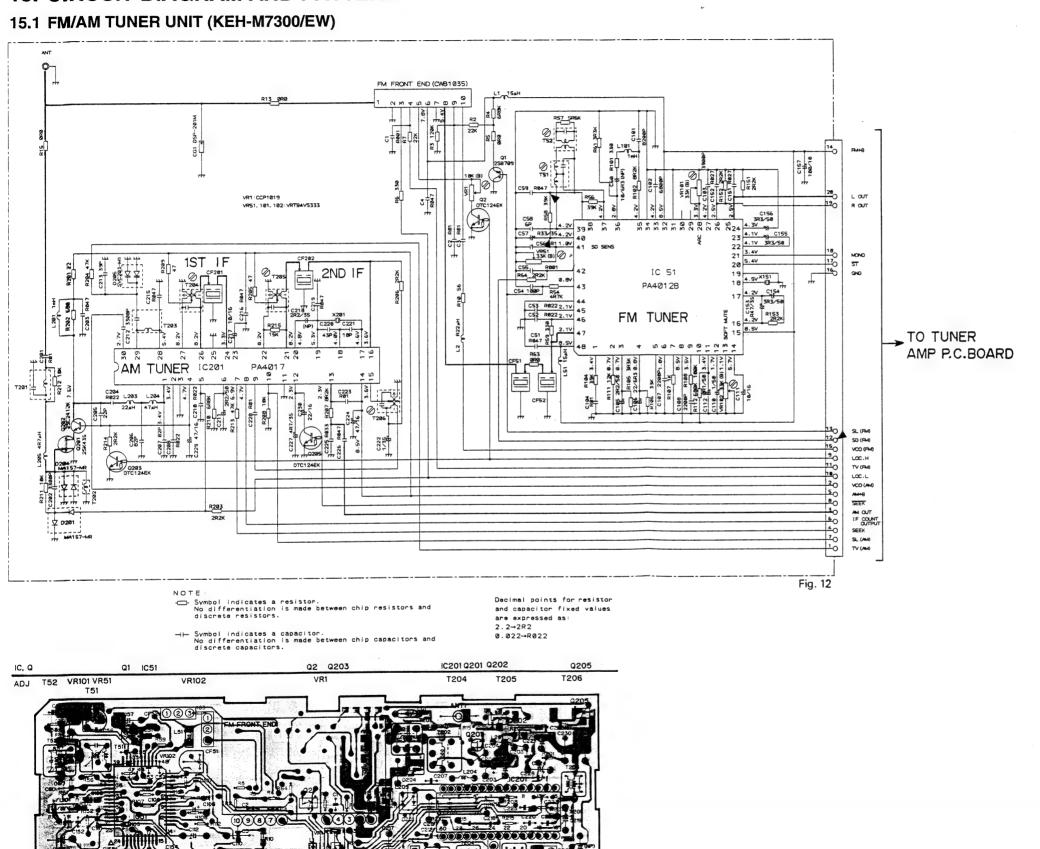
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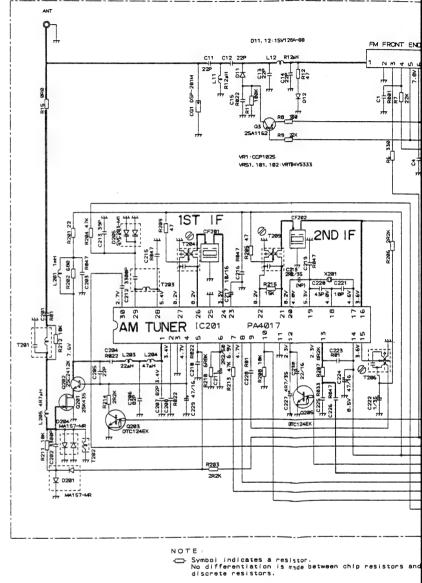


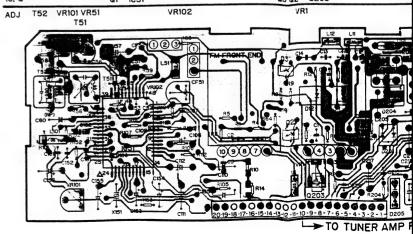
15. CIRCUIT DIAGRAM AND PATTERN

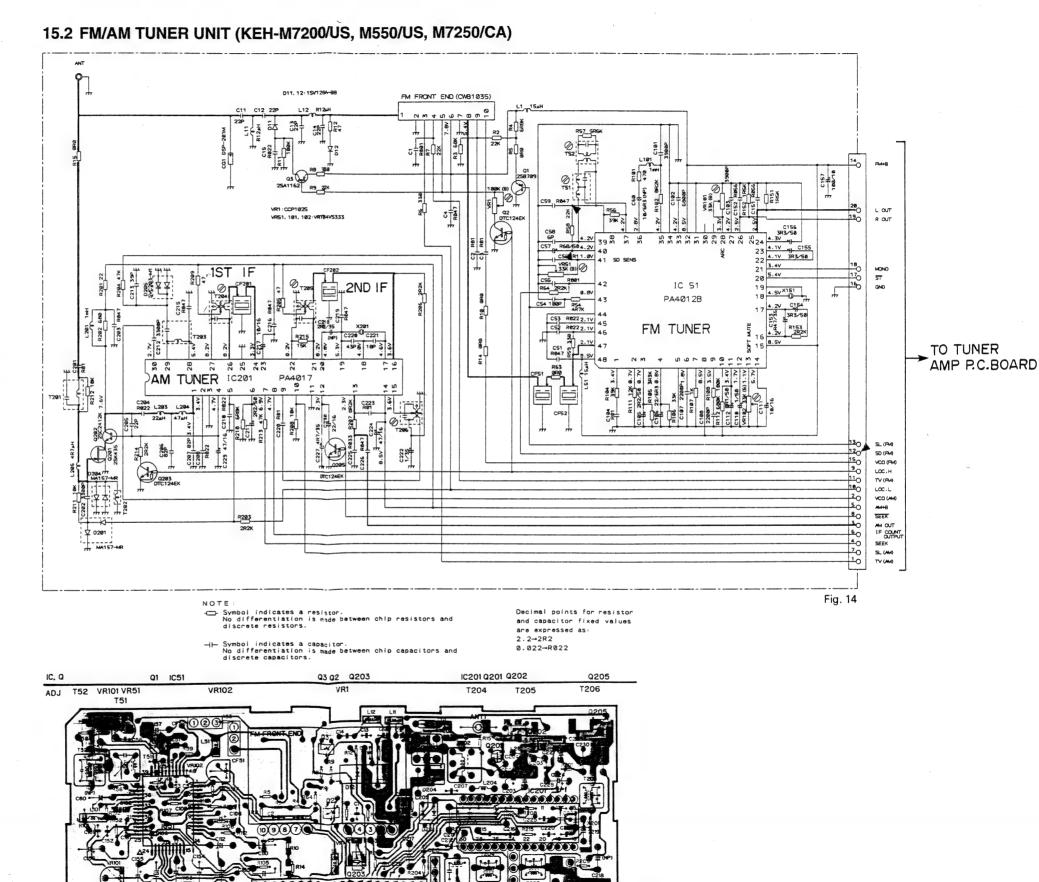


TO TUNER AMP P.C.BOARD

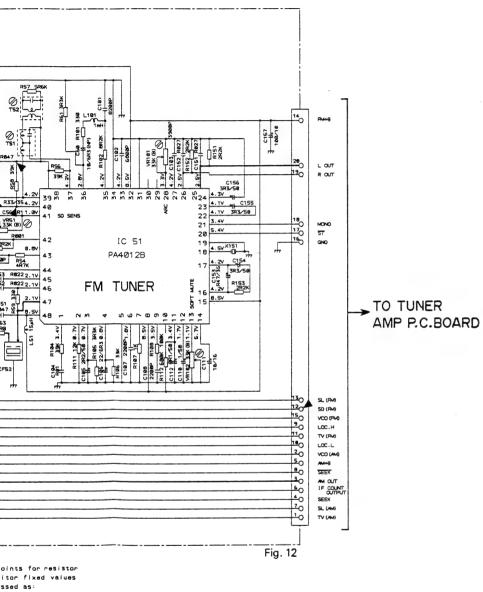
15.2 FM/AM TUNER UNIT (KEH-M7200/US, M550/US, M7



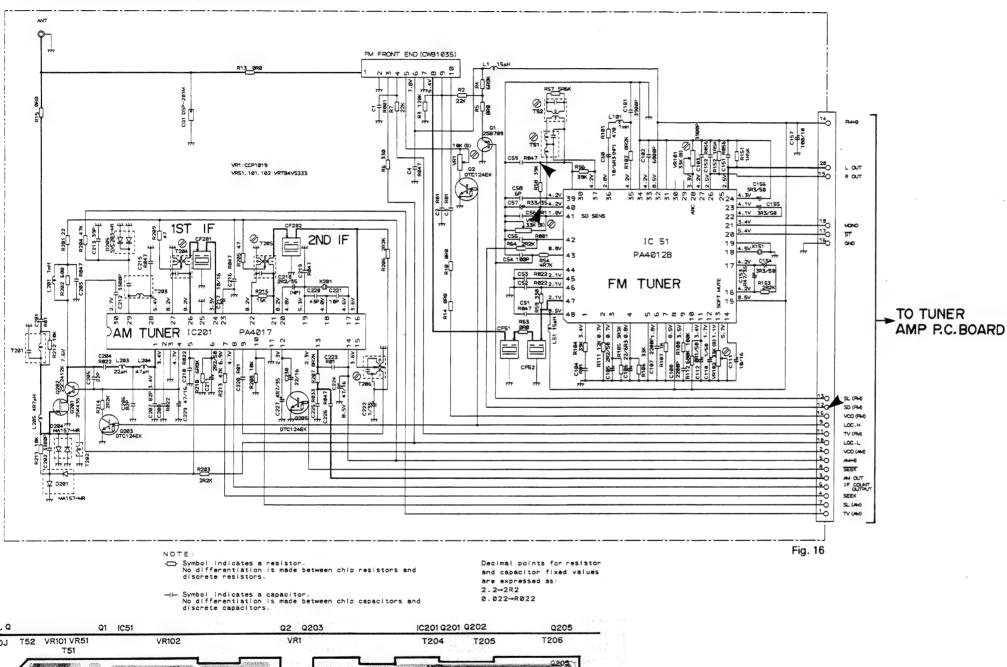




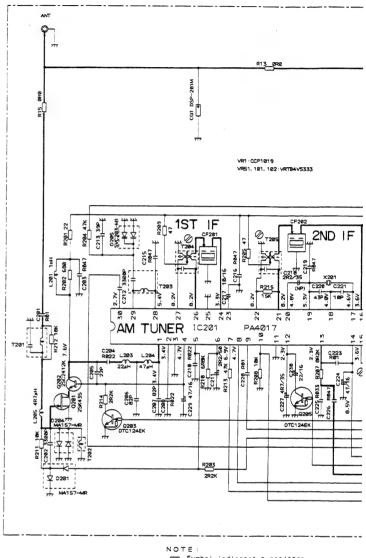
TO TUNER AMP P.C. BOARD



15.3 FM/AM TUNER UNIT (KEH-M7250/ES)



15.4 FM/AM TUNER UNIT (KEH-M7300SDK/WG)



— Symbol indicates a capacitor. No differentiation is made between a discrete capacitors.

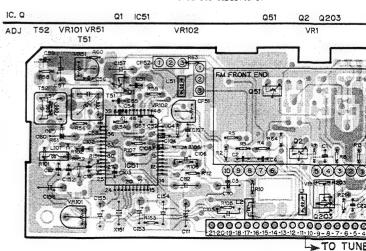
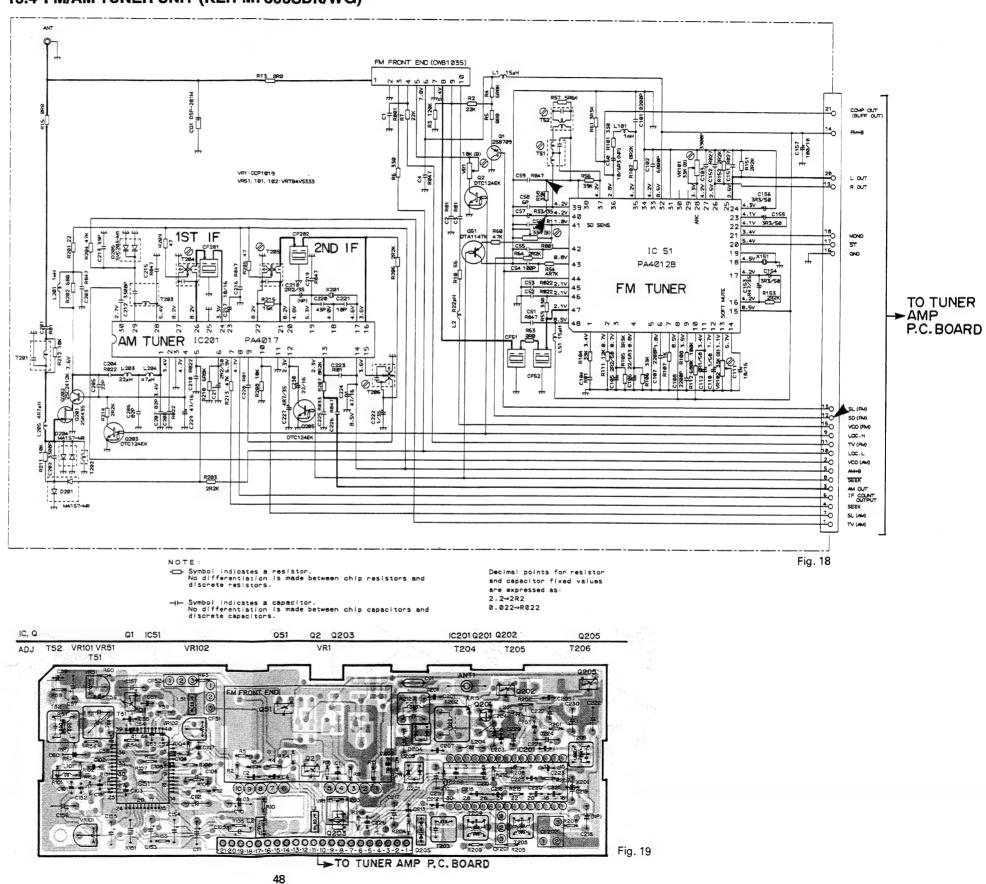
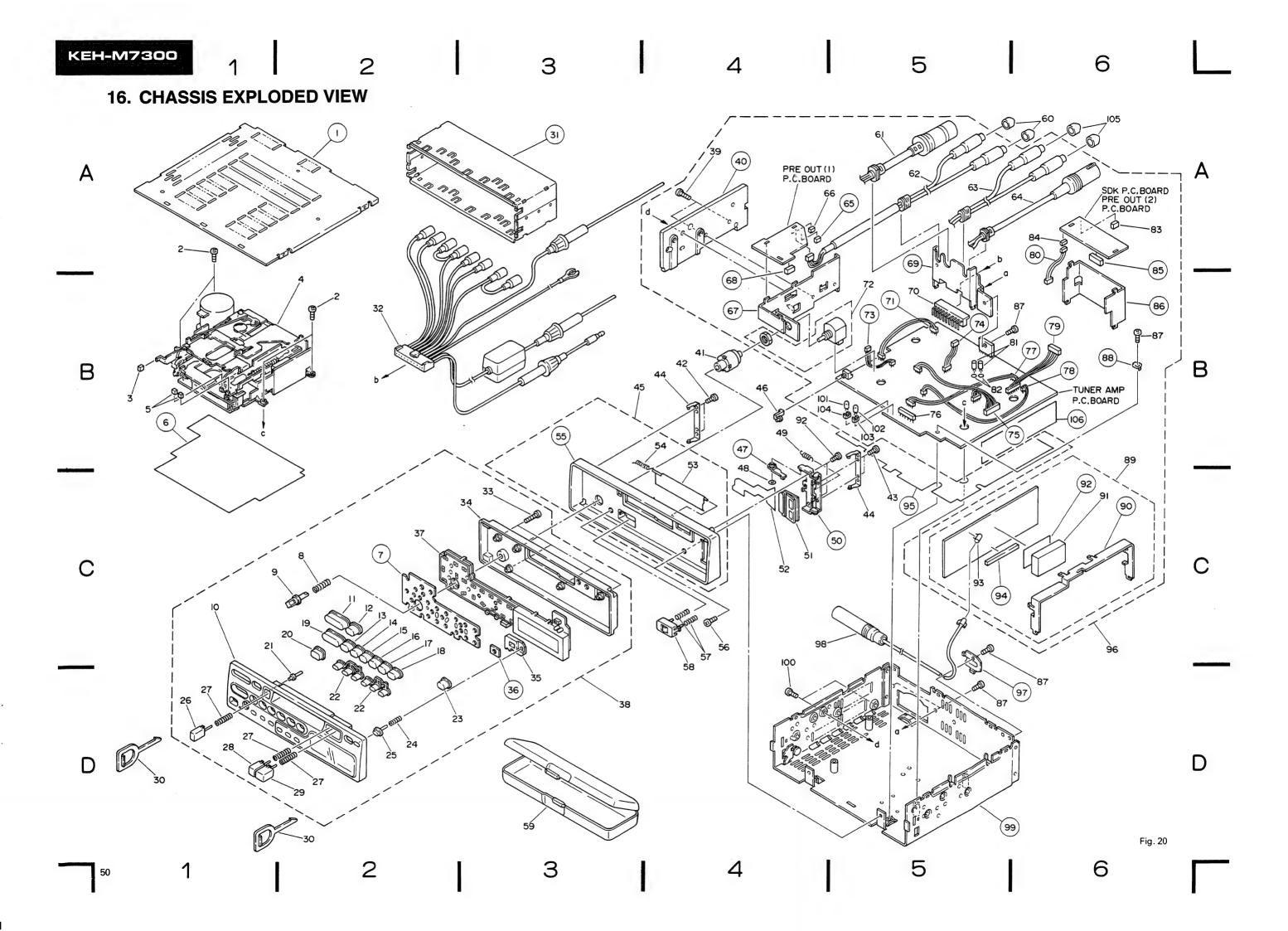


Fig. 17

15.4 FM/AM TUNER UNIT (KEH-M7300SDK/WG)





•Parts List (KEH-M7300/EW)

NOTE:

- The parts marked with "@" may need long time to supply and their supply is subject to refuse as the case may be.
- Because the parts with encircled number shown on the dismantling drawing are not spare parts, we are unable to supply them in principle.

		Description	Part No.			Description	Part No.
					45	Panel Unit	CXA4134
	2	Screw	CNB1431 BMZ26P050FMC				CAC2988
	3	Button	CAC2819				CXA4000
•	4	Cassette Mechanism	EXK1735		48	Washer	CBF1037
		Assy			49	Spring	CBH1395
	5	Button	CAC2820		50	Holder Unit	CXA3999
	-		CNM3157		51	Socket	CKS1664
			CNM3155			P. C. Board	
			CBH1391				CAT1360
			CAA1272				CBH1350
	,	Kilob (l'adel)	CARTETE		•	Opt 1 iig	00111000
	10	Grille Unit	CXA4142		55	Panel	CNS2152
	11	Button (Vol)	CAC2821		56	Screw	CBA1154
	12	Button (Vol) Button (Shift) Button (1)	CAC2822		57	Spring	CBH1393
	13	Button (1)	CAC2811		58	Button Unit	CXA4417
	14	Button (2)	CAC2812		59	Case	CNS2269
	15	Button(3)	CAC2813		60	Сар	CNV2680
			CAC2814		61	DIN Connector Cord	CDE3419
			CAC2815			Connector	CDE3377
		Button (6)					
		Button (Tune)				••••	
	2.0	Putton (.)	CAC2817		6 5	Plug	CKS-783
		Button (Clear)				•	CKS1224
			CXA4132			Holder	CNC3579
			CAC2826				CKS-785
	24	Spring	CBH1390	1	69	Holder	CNC3581
			CAC2827			Plug	CKS-467
	26	Button (Eject)	CAC2823				CDE3171
	27		CBH1388		72	Volume (fader)	CCS1186
	28	Button (REW)	CAC2824		73	Connector	CDE3208
	29	Button (FF)	CAC2825		74	Connector	CDE3173
	30	Handle	CNC3664		75	Connector	CDE3174
	3 1	Holder	CNC3342		76	Connector	CKS1260
	32	Cord	CDE3182		77	Connector	CDE3210
	33	Screw	BPZ20P120FZK		78	Connector	CDE3222
	3 4	Grille Cover	CNS2151	7	79	••••	
	35	Lens	CNV2774		80	••••	
		Cushion	CNM3156			Capacitor	CCH1016
(1)		Key Board Unit	CWM2692			Spacer	CNW-662
~		Grille Assy	CXA4169			••••	VV2
		Screw	BMZ30P120FMC			•••••	
	40	Heat Sink	CNC3747	\$	8 5	••••	
		Knob	CAA1250			••••	
		Screw	CBA1179			Screw	BMZ30P050FMC
	_	Screw	PMZ20P030FMC			Holder	CNC2218
	. •		L U 1 U U I MU				0407710

Mark	No.	Description	Part No.	Mark !	No.	Description	Part No.
	90	Holder	CNC3395	· :	100	Screw	BMZ30P080FMC
	9 1	FM Front End	CWB 1035	1	101	Lamp (Green)	CEL1207
	92	Insulator	CNM2105	1	102	Lamp	CEL1208
	93	Antenna Jack	CKX1010	1	103	Holder	CNV1906
	9 4	Plug	CKS1628			Holder	CNV1906
	95	insulator	CNM2941	1	106	Insulator	CNM3199
•	96	Tuner Amp Unit	CWM2672				
	97	Holder	CNC2913				
	98	Antenna Cable	CDH1128				
	99	Chassis Unit	CXA4191				

	M7300/EW	M7200/US	M550/US	M7250/CA	M7250/ES	M7300SDK
No. Description	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
4 Cassette Mechanism Assy	EXK1735	EXK1735	EXK1765	EXK1765	EXK 1735	EXK1735
10 Grille Unit	CXA4142	CXA4144	CXA4143	CXA4241	CXA4145	CXA4133
11 Button	CAC2821	CAC2932	CAC2932	CAC2932	CAC2821	CAC2821
16 Button	CAC2814	CAC2934	CAC2934	CAC2934	CAC2814	CAC2814
17 Button	CAC2815	CAC2935	CAC2935	CAC2935	CAC2815	CAC2815
18 Button	CAC2816	CAC2936	CAC2936	CAC2936	CAC2816	CAC2816
19 Button	CAC2828	CAC2933	CAC2933	CAC2933	CAC2828	CAC2828
32 Cord	CDE3182	CDE3181	CDE3181	CDE3181	CDE3183	CDE3182
● 37 Key Board Unit	CWM2 5 9 2	CWM2694	CWM 2 6 9 4	CWM2694	CWM2694	CWM2692
38 Grille Assy	CXA4169	CXA4171	CXA4172	CXA4173	CXA4175	CXA4168
45 Panel Unit	CXA4134	CXA4157	CXA4157	CXA4157	CXA4156	CXA4134
60 Cap	CNV2680	CNW-829	CNV2680	CNV2680	CNW-829	CNW-829
62 Connector	CDE3377	CDE3157	CDE3155	CDE3155	CDE3157	CDE3377
63 Connector		CDE3156	CDE3154	CDE3154	CDE3156	
64 Connector					CDE3420	
66 Plug	CKS1224					CKS1224
69 Holder	CNC3581	CNC3753	CNC3753	CNC3753	CNC3752	CNC3581
78 Connector	CDE3222	CDE3303	CDE3303	CDE3303	CDE3303	CDE3222
79 Connector						CDE3170
80 Connector		CDE3172	CDE3172	CDE3172	CDE3172	
83 Piug		CKS1238	CKS1238	CKS1238	CKS1238	
84 Plug		CKS-786	CKS-786	CKS-786	CKS-786	
85 Plug						CKS1040
86 Holder		CNC3577	CNC3577	CNC3577	CNC3577	CNC3577
89 FM/AM Tuner Unit	CWE 1228	CWE 1225	CWE 1225	CWE 1225	CWE 1226	CWE 1227
96 Tuner Amp Unit	CWM2672	CWM2675	CWM2676	CWM2676	CWM2678	CWM2673
99 Chassis Unit	CXA4191	CXA4191	CXA4191	CXA4191	CXA4191	CXA3851
102 Lamp	CEL1208	CEL1025	CEL1025	CEL1025	CEL1025	CEL1208
105 Cap		CNW-829	CNV2680	CNV2680	CNW-829	



17. KEY BOARD UNIT EXPLODED VIEW

•Parts List (KEH-M7300/EW)

Mark	No.	Description	Part No.	Mark No.	Description	Part No.
•	1	Key Board Unit	CWM 2 6 9 2	6	Bush	CNV1859
	2	lens	CNV2688	7	Bush	CNV1859
	3	Holder	CNV2684	8	Plug	CKS1663
	4	Lamp	CEL1208	9	Holder	CNV2685
	5	Lamp	CEL1207	10	Lens	CNV2686
				11	LCD	CAW1124
				12	Insulator	CNM3051
				13	Holder	CNC3576
				14	Spacer	CNM1642

	M7300/EW	M7200/US	M550/US	M7250/CA	M7250/ES	M7300SDK
No. Description	Part No.					
1 Key Board Unit 4 Lamp	CWM2692 CEL1208	CWM2694 CEL1025	CWM2694 CEL1025	CWM2694 CEL1025	CWM2694 CEL1025	CWM2692 CEL1208

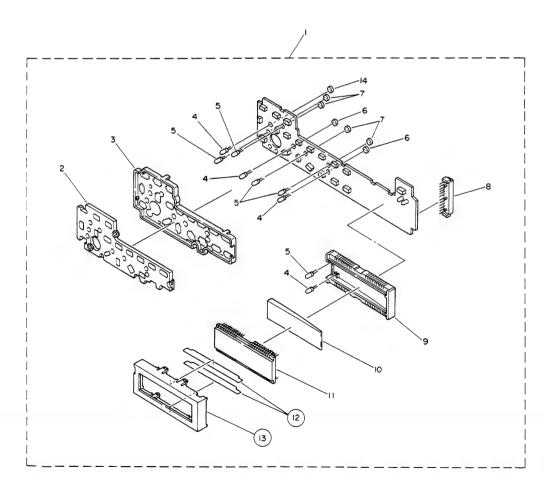
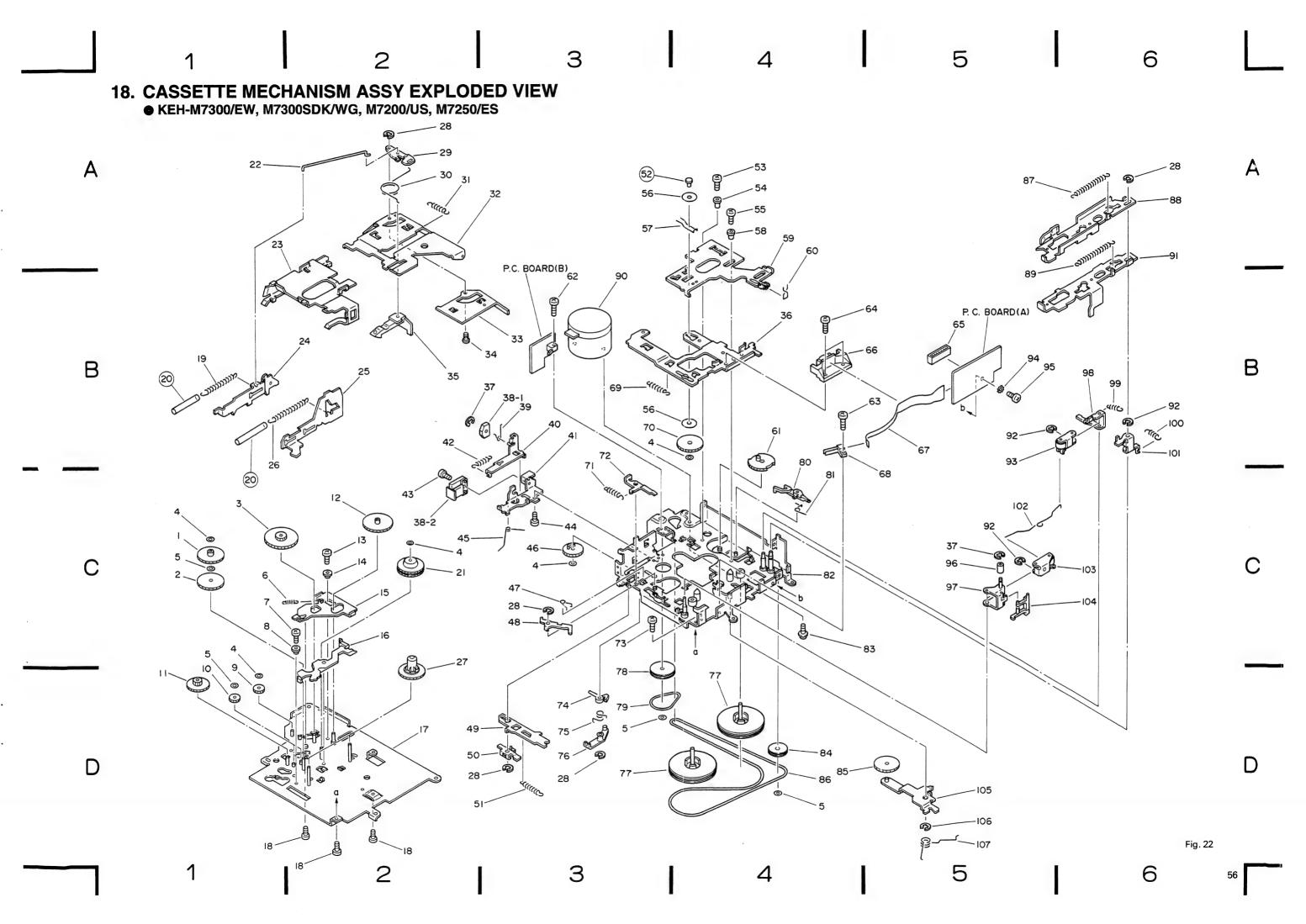


Fig. 21



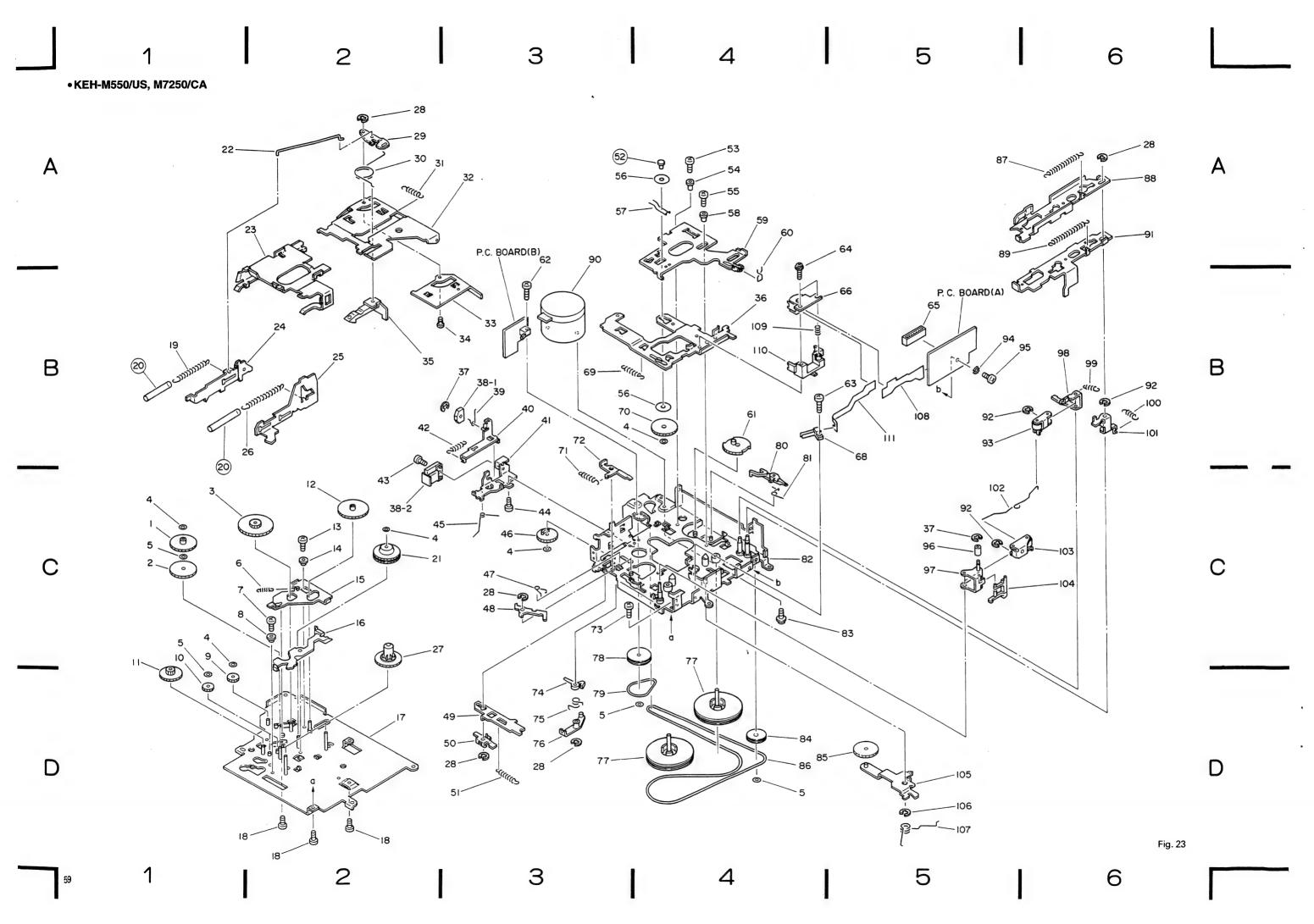


•Parts List (KEH-M7300/EW, M7300SDK/WG, M7300US, M7250/ES)

Mark	No.	Description	Part No.	Mark No.	Description	Part No.
	1	Gear	ENV1212	46	Gear	ENV1262
	2	Gear	ENV1211	47	Spring	EBH1337
	3	Gear	ENV1203	48	Arm	ENC1236
	4	Washer	CBF1037	49	Lever Unit	EXA1173
	5	Washer	CBF1038	50	Arm	ENC1237
	6	Spring	EBH1338	51	Spring	E8H1335
	7	Screw	JFZ17P035FNI	52	Shaft	
	8	Shaft	ELA1259	53	Screw	JFZ20P025FNI
	9	Gear	ENV1230	5 4	Collar	ELA1229
	10	Gear	ENV1274	5 5	Screw	JFZ20P040FN1
	11	Gear	ENV1264	56	Washer	EBF1015
	12	Gear	ENV1204	57	Spring	EBH1372
	13	Screw	JFZ17P018FNI	58	Collar	ELA1220
	14	Collar	ELA1244	59	Lever	ENC1269
	15	Arm	ENC1241	60	Spring	EBH1361
	16	Arm	ENV1261	61	Gear	ENV1205
		Sub Chassis Unit		62	Screw	CBA1054
		Screw	BMZ20P025FMC	63	Screw	CBA1038
		Spring (Black)		6 4	Screw	CBA1015
		Tube		6 5	Plug	CKS1056-
	21	Gear Unit	EXA1159	66	Head Unit	EXA1163
	-	Spring	EBH1308	67	P. C. Board	ENP1042
		Holder	ENC1205	6.8	Switch	ESN1005
		Lever	ENC1243	6 9	Spring	EBH1334
		Lever	ENC1235	70	Gear	ENV1208
	26	Spring	EBH1307	71	Spring	EBH1333
		Real Unit	EXA1167		Arm	ENC1240
		Washer	YE15FUC	73	Screw	BSZ20P040FMC
		Arm	ENC1221	7.4	Arm	ENV1265
		Spring	EBH1305	75	Spring	EBH1336
	3 1	Spring	EBH1364	76	Arm Unit	EXA1171
		Frame	ENC1204	11	Flywheel Unit	EXA1161
		Arm	ENC1215		Gear	ENV1229
		Shaft	ELA1251	7.9	Belt	ENT1020
		Lever	ENV1222	80	Arm	ENV1206
	3.6	Head Base Unit	EXA1203	8 1	Spring	EBH1317
		Washer	YE12FUC		Chassis Unit	EXA1168
		Solenoid	EXP1008	83	Screw	PMS26P025FUC
		Spring	EBH1353		Pulley	ENV1207
		Lever Unit	EXA1172		Gear	ENV1209
	41	Bracket	ENC1239	RF	i Belt	ENT1018
			EBH1339		Spring (Silver)	EBH1322
		Spring Screw	EBA1023		lever (FF)	ENC1244
		Screw	BMZ20P025FMC		Spring (Brown)	EBH1365
		Spring	EBH1340		Motor Unit	EXA1162
	73	. vr'''3				

KEH-M7300

Mark N	0.	Description	Part No.	Mark	No.	Description	Part No.
	Q 1	Lever (REW)	ENC1245		101	Arm	ENC1264
		Washer	YE20FUC			Spring	EBH1366
	93	Pinch Roller Unit	EXA1193		103	Pinch Roller Unit	EXA1194
	94	Washer	WH23FMC		104	Arm	ENV1227
	95	Screw	BSZ23P040FMC		105	Arm Unit	EXA1155
	96	Roller	ELA1247		106	Washer	YE30FUC
	97	Arm Unit	EXA1166		107	Spring	EBH1310
	98	Arm	ENC1266				
	99	Spring	EBH1312				
1	0 0	Spring	EBH1311				



•Parts List (KEH-M550/US, M7250/CA)

		Part No. Mark	No.	Description	Part No.
				Gear	
2	Gear	ENV1211	47	Spring	EBH1337
3	Gear			Arm	ENC1236
4	Washer	CBF1037		Lever Unit	EXA1173
5	Washer	CBF1038	50	Arm	ENC1237
6	Spring	EBH1338	5.1	Spring	EBH1335
				Shaft	C0111000
				Screw	JFZ20P025FN1
		ELA1259			
		ENV1230		Collar	ELA1229
10	Gear	ENV1274	23	Screw	JFZ20P040FN1
11	Geär	ENV1264	56	Washer	EBF1015
12	Gear	ENV1204	57	Spring	EBH1372
13	Screw	JFZ17P018FN1	58	Collar	ELA1220
14	Collar	ELA1244	59	Lever	ENC1269
15	Arm	ENC1241	60	Spring	EBH1361
16	Arm	ENV1261	6 1	Gear	ENV1205
	Sub Chassis Unit			Screw	CBA1054
				Screw	CBA1038
	Spring (Black)			Screw	EBA1024
	Tube			Plug	CKS1056
			•		
	Gear Unit			Head	EPB1015
				P. C. Board	ENP1043
23	Holder	ENC 1205		Switch	ESN1005
24	Lever	ENC1243	69	Spring	EBH1334
2 5	Lever	ENC1235	70	Gear	ENV1208
26	Spring	EBH1307	7 1	Spring	EBH1333
27	Real Unit	EXA1167	72	Arm	ENC1248
28	Washer	YE15FUC	73	Screw	BSZ20P040FMC
29	Arm	ENC1221	74	Arm	ENV1265
3 0	Spring	EBH1305	75	Spring	EBH1336
3 1	Spring	EBH1364	76	Arm Unit	EXA1171
	Frame	ENC1204	77	Flywheel Unit	EXA1161
3 3	Arm	ENC1215	78	Gear	ENV1229
	Shaft	ELA1251	79	Belt	ENT1020
	Lever	ENV1222		Arm	ENV1206
	Dead Been Hein	EVA1202	0 1	Spring	EBH1317
	Head Base Unit	EXA1203		Chassis Unit	EXA1168
	Washer	YE12FUC			
	Solenoid	EXP1008		Screw Pulley	PMS26P025FUC ENV1207
	Spring	EBH1353		•	
40	Lever Unit	EXA1172	0.0	Gear	ENV1209
	Bracket	ENC1239		Belt	ENT1018
42	Spring	EBH1339		Spring (Silver)	EBH1322
43	Screw	EBA1023		Lever (FF)	ENC1244
4 4	Screw	BMZ20P025FMC		Spring (Brown)	EBH1365
4 5	Spring	EBH1340	90	Motor Unit	EXA1162

KEH-M7300

Mark No.	Description	Part No.	Mark	No.	Description	Part No.
91	Lever (REW)	ENC1245		101	Arm	ENC 1264
92	Washer	YE20FUC		102	Spring	EBH1366
93	Pinch Roller Unit	EXA1193		103	Pinch Roller Unit	EXA1194
94	Washer	WH23FMC		104	Arm	ENV1227
95	Screw	BSZ23P040FMC		105	Arm Unit	EXA1155
96	Roller	ELA1247		106	Washer	YE30FUC
97	Arm Unit	EXA1166		107	Spring	EBH1310
98	Arm	ENC1266		108	P. C. Board	ENP1043
99	Spring	EBH1312		109	Spring	EBH1065
100	Spring	EBH1311		110	Guide	ENV1270
				111	P. C. Board	ENP1044

19. PACKING METHOD

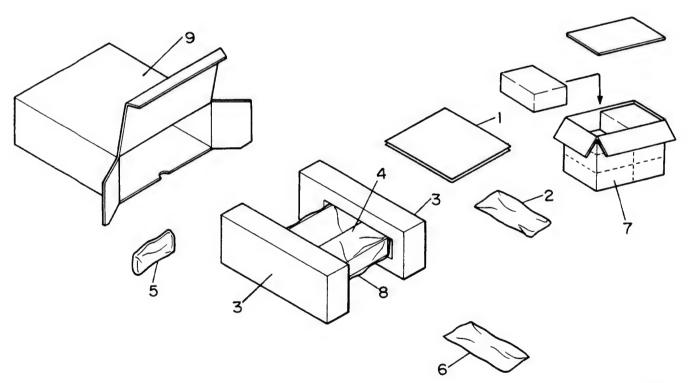


Fig. 24

•Parts List (KEH-M7300/EW)

* :Non spare part

Mark	No.	Description	Part No.	Mark No.	Description	Part No.
	1-1	Owner's Manual	CRD1478	6-2	Screw(×1)	CBA1002
	1-2	Owner's Manual	CRD1489		Cord	CDE1289
	1-3	Installation Manual	CRD1491	6-4	Handle (× 2)	CNC3664
*	1-4	Card	CRY-062	6 - 5	Strap	CNF-111
	2	Cord	CDE3182	6 - 6	Bush	CNV1009
	3	Styrofoam	CHP1405	6-7	Nut (× 2)	N F 5 O FMC
*	4	Holder	CNC3342	* 7	Contain Box	CHL1986
	5	Case	CNS2269	8	Cover	CEG1092
	6	Accessory Assy	CEA1633	9	Carton	CHG1986
	6-1	Screw(×1)	CBA-102			
	1-4 2 3 4 5 6	Card Cord Styrofoam Holder Case Accessory Assy	CRY-062 CDE3182 CHP1405 CNC3342 CNS2269 CEA1633	6-5 6-6 8-7 * 7	Strap Bush Nut (× 2) Contain Box Cover	CNF-111 CNV1009 NF50FMC CHL1986 CEG1092

	M7300/EW	M7200/US	M550/US	M7250/CA	M7250/ES	M7300SDK
No. Description	Part No.					
1-1 Owner's Manual	CRD1478	CRD1487	CRB1216	CRD1480	CRD1481	CRD1479
1-2 Owner's Manual	CRD1489					
1-3 Installation Manual	CRD1491					
‡ 1-4 Card	CRY-062	ARY1008	ARY1008	ARY1008		CRY-062
2 Cord	CDE3182	CDE3181	CDE3181	CDE3181	CDE3183	CDE3182
7 Contain Box	CHL1986	CHL1989	CHL1991	CHL 1990	CHL 1988	CHL1987
9 Carton	*CHG1986	CHG1989	CHG1991	*CHG1990	*CHG1988	*CHG1987

Owner's Manual

Part No.	Model	Language
CRD1478	KEH-M7300/EW	English, French, German, Spanish, Portuguese
CRD1489	KEH-M7300/EW	Swedish, Norwegian, Dutch, Italian, Finnish
CRD1487	KEH-M7200/US	English, French
CRB1216	KEH-M558/US	English
CRD1480	KEH-M7250/CA	English, French
CRD1481	KEH-M7250/ES	English, French, Spanish, Arabic
CRD1479	KEH-M7300SDK	French, German

20. ELECTRICAL PARTS LIST

NOTE:

- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/8S \(\Bigcirc \Bigcirc J, RS1/10S \(\Bigcirc \Bigcirc J \) Chip Capacitor (except for CQS.....) CKS...., CCS...., CSZS.....

Unit Number:

Unit Name : FM/AM Tuner Unit (KEH-M7300SDK/WG)

MISCELLANEOUS

				ymbol & No. ==== Part Name						
	51				PA40128	R	60			R\$1/10\$473J
	201				PA4017	R				RS1/10S332J
Q	1			Chip Transistor	258709	R				R\$1/10\$222J
Q	2			Chip Transistor	DTC124EK	R				RS1/10S822J
Q	51			Chip Transistor	DTA114TK-94	R	106			RS1/10S333J
0	201				2 S K 4 3 5	R				R\$1/10\$102J
-	202				25C2412K	R				R\$1/10\$104J
a	203	205		Chip Transistor	DTC124EK	R	111			RS1/10\$123J
D	201	204		Chip Diode	MA157-MR	R	112			R\$1/10\$684J
D	205				SVC203-M1	R	151	152	153	RS1/10S222J
Ł	1	51		Inductor	CTF1241	R	201			R\$1/10\$220J
L	2			inductor	CTF1085		202			R\$1/10\$681J
L	101			Inductor	CTF1125		203			RS1/10S222J
Ł	201			Inductor	CTF1084	R	204	213		RS1/10S473J
L	203			Ferri-Inductor	LAU220K	R	205	209		RS1/10S470J
L	204			Ferri-Inductor	LAU470K	R	207			RS1/10S822J
L	205			Ferri-Inductor	LAU4R7K	R	208	211	212	RS1/10S103J
T	51			Coil	CTE1021	R	210			RS1/10S682J
T	52			Coil	CTE1022	R	215			R\$1/10\$153J
T	201			Coil	CTB1020					
т	• • •					CAPACIT	ORS			
	202			Coil	CTB1004					
Ţ	203			Coil	CTB1040				ircuit Symbol & No. ==== Part Name	
Ţ	204			Coil	CTE1037					
	205			Coil	CTE1038	C	1			CKSQYB102K5
Т	206			Coil	CTE1039		2			CKSQYB 103K5
							4			CKSQYF473Z2
CG	1				OSP-201M-S00B		51			CKSQYF 473Z2
CF	51	5 2		Caramic Filter	CTF-182	С	52	53		CKSQY8223K2
	201			Ceramic Filter	CTF1041					
	202			Filter	CTF1085	C	54			CCSQSL 101J5
Х	151			Ceramic Resonator	CSS1055	Ç	5 5			CKSQYB 102KS
						C	56			CKSQYF104Z2
X	201			Crystal Resonator	CSS1014	C	57			CSZAR33K35
VR	1			Semi-fixed	CCP1019	C	58			CCSQCHOGODS
٧R	51	101	102	Semi-fixed 33kΩ(B)	VRTB4VS333					
				FM Front End	CW8 1035	C	80			CEALNP 100M6
						C	101			CKSQYB822K5
ISTOR	S					C	102			CKSQYB682K5
						C	103			CKSQYB392K5
				ymbol & No. ==== Part Name	Part No.	c	105			CEA2R2M50LL
	2				R\$1/10\$223J		106			CEA220M6R3L
R	3				R\$1/10\$124J		107	108		CKSQYB222K5
R	4				RS1/10S682J	С	110			CEA010M50LL
R		13			RS1/10SOROJ		111			CEATOOMIELE
R	6	5 9	101		RS1/108331J	C	112			CEAORIMSOLL
R	10				RS1/108560J	С	151	152		CKSQYB273K2
	15				RS1/10SOROJ		153			CSZAR47M35L
R										COLARGIMODE
	5.4				851/1054721	C	154	15.5	156	PEASDS MEALL
R R R	5 4 5 6	5.8	104		RS1/10S472J RS1/10S393J	C	154 157	155	156	CEA3R3M50LL CEA101M10LS

C 202 212 C 203 215 C 204 208 C 205 C 206 207 C 211 C 213 C 217 C 218 C 220 C 221 C 222 C 224 C 225 C 227 C 229 C 230							CI CI	KSQYB332K50 KSQYF473Z25 KSQYB223K25 CSQCH220J50 CSQCH820J50	D D D	553 908 951 952									HZ S 9R 1 J B 2 ERA 15 - 02 V HZ S 5R 6 J B 2 HZ S 7R 5 J B 2
C 203 215 C 204 208 C 205 C 206 207 C 211 C 213 C 217 C 218 C 220 C 221 C 222 C 224 C 225 C 227 C 229 C 230		3 226					C	KSQY8223K25 CSQCH22QJ50	D D	951 952									H2S5R6J82
C 204 208 C 205 C 206 207 C 211 C 213 C 217 C 218 C 220 C 221 C 222 C 224 C 225 C 227 C 229 C 230							C	KSQY8223K25 CSQCH22QJ50	D D	9 5 2									
C 205 C 206 207 C 211 C 213 C 217 C 218 C 220 C 221 C 222 C 224 C 225 C 227 C 229 C 230							C	CSQCH220J50	D	9 5 2									HZS7R5JB2
C 206 207 C 211 C 213 C 217 C 218 C 220 C 221 C 222 C 224 C 225 C 227 C 229 C 230																			
C 213 C 217 C 218 C 220 C 221 C 222 C 224 C 225 C 227 C 229 C 230										953	958	959							ERA15-02V
C 213 C 217 C 218 C 220 C 221 C 222 C 224 C 225 C 227 C 229 C 230																			HZS6R8JB2
C 217 C 218 C 220 C 221 C 222 C 224 C 225 C 227 C 229 C 230								EA2R2M50LL		954 957									ERC04-02F
C 218 C 220 C 221 C 222 C 224 C 225 C 227 C 229 C 230								CSQCH390J50	_	501					-104	uctor			LAU2R2M
C 220 C 221 C 222 C 224 C 225 C 227 C 229 C 230								EA100M16LL	L							uctor			LAU330K
C 221 C 222 C 224 C 225 C 227 C 227								EA2R2M35NPLL CSQCH430J50		952 501				rerr	- r n a	u c (u r			CWW 13 0 2
C 222 C 224 C 225 C 227 C 229 C 230							C	C20C#430350	,,,	•••									
C 224 C 225 C 227 C 229 C 230							C	CSQCH100D50		505									CWW 1 2 4 0 CWW 1 3 0 1
C 224 C 225 C 227 C 229 C 230							C	SZA010K35L		951									
C 225 C 227 C 229 C 230							C	EA470M16LL	1 B	952									CWW 1 1 2 8
C 227 C 229 C 230							C	KSQY8333K25	18	953									CWW 1 2 9 2
C 230								EA4R7M35LS	i B	954									CWW 1 2 9 1
C 230								F. (30)	Y	501				Crvs	tal R	esona	tor		CSS1011
								EA470M16LS		701						esona			CSS1019
Number:							C	EA220M16LL		351	25.2						Ω (B)		VRTB6VS33
Number:											332						1 12 (1)		CSG1012
_									\$	2 9 5 1				Swit Lamp	-				CEL 1207
. Name : Tun	er Amp U	nit (KEH-	M7300	IS DK/W	YG)				1.0	331				,	,	,			
iner Amp Unit									_	9 5 2				Lamp		-			CEL 1208 CCS 1186
									VR					Volu					
nsists of										953	954	955		EMI		r			CCG1003
Tuner Amp P.C.	Board								BZ	902				Buzz	er				CPV1013
SDK P. C. Board									RESISTOR	RS									
CELLANEOUS									Mark =≠:										Part No.
k ======= C	ircuit Sy	ymbol &	No.	====	Part	Name		Part No.											RS1/10S10
										351									RS1/10S13
IC 350								TA8162SN		353									
1C 351								CXA1102P		355									RS1/10S18
								AN6263N	R	3 5 7	358								RS1/10S33
IC 352 IC 451								KHA272	R	359	360								R\$1/10\$18
IC 501								TA8215H-A		251	252	502	E 2 2						RS1/10S22
												502	322						RS1/10S82
IC 502								PD4302	R										
IC 701								KHAC02	R		501		3 2 2	321	958				RS1/10S10
IC 951								TA8214K	R	367	537	954							RS1/10S47
	458 5	02 506	950	9 5 8	959	962		DTC114TS	R	368	702								RS1/10S68
Q 351 352	551 5	52 807	808					DTC314TS		0.00									RD1/49 S15
										369									
0 451 452	453 4	54						DTC114TS		370									RS1/10S15
Q 455 509								DTA114TS	R	371	372								RS1/10S47
Q 456 800								DTA114ES	R	373	515	519	956						RS1/10S10
Q 501 504		63 969						2502458	R	375									RS1/10S0R
Q 503								2 S C 2 4 9 8		170	542	544	5.45	E 4 6	540	501	603	821	R\$1/1050F
									R R	379	343	344	343	348	343	001	002	021	RS1/1050
									R		221	822	972						RS1/10S01
Q 505								2 S K 3 3 0						615		0.00	000	000	
Q 510								2503113	R			384			010	3 9 9	383	330	RS1/8S0R
Q 550 553								DTC114YS	R	3 8 5	385	486	618	992					RS1/8S0R0
	806 9	6 6						2 S A 1 0 4 8	R	389	824	993							RS1/8SOR
Q 701								DTB 123 YS	 R	390		- • •							RS1/850R
																			RS1/10S10
0 702								DTC114WS	R	392									
Q 801 802								2 S C 2 4 5 8	R	3 9 3		_							RS1/8S0R
0 917								2SD2037	R	451	452	509	961						RD1/4PS4
Q 918 978	980	Chie	Trai	nsisto	r			DTC114TK											
0 951 952								DTB 123 YS	R		454								RS1/10S1
									R			524	527	529	805	806)		RS1/10S4
0 954								DTC114TS	R	4 5 7									RS1/8S22
Q 955 956								DTC314TS	R	4 5 8									RD1/4PM2
	964							DTA143ZS	R		460								RS1/10S5
								2SB1243											
	979							DTC 114 TS	R	ART	462								RS1/10S3
Q 965								VIVII413	R			475	475	541	541	5.41	,		RS1/1050
								400774					410	341	344	341	,		
								258772	R		474								RS1/10S1
0 974	504 5	05 506	507	511				188133	R			605	987						RS1/10S0
D 350 440								181555	· R	481	482								RS1/10S0
D 350 440 D 450	453 4								R										

			ircui:			M 0.				Part No.				- 01									Part No.
R	485	606	607	608	610	811	613			RS1/8SOROJ		C 3	69	964									CKSQYB103K5
R	487	520	521	815	816	920	985	986		RS1/10S102J			70										CCSQCH330J5
R	503	563	819	820	970					RS1/10S223J			372	563									CEAORIMSOLS
R		801								RS1/10S221J				384			4 7	μ F/3	5 V				CCH1016
R	506	•								RD1/4PS222JL			155				4. f	ы г∕ \$	• •				CEA470M15L2
										10174132232			• 3 3	333									CEA4/UMIDL2
R R	5 0 7 5 0 8									RD1/4PS392JL		-	456										CEA100M16LS
R										RS1/10S823J		-	500										CASAQ4R7M10
		516								RS1/10S472J			501										CCG1008
R		534								RS1/8S104J		C !	502	504	505	507	520	702					CXPYY103M16
R	5 1 2									RD1/4PM102J		C !	509	526									CKSYB102K50
R	5 1 3									RS1/10S152J		c !	511										CXPYB101K50
R	514									RS1/10S182J		C !	512										CKSY8681K50
R	5 1 7									RS1/10S331J		C !	513										CCSQCH101J5
R	518									RS1/10S821J		C !	515				4 7	μ F/1	E V				CCH1005
R	523	564	703	921	973					R\$1/10\$222J			516				7. /	μ ,, ,	••				CEAR47M50LS
R	525									RS1/10S474J		c :	517				100	h E /	c 21/				
R	5 2 6									RD1/4PM102J		-	518				100	0 μ F/	0. J V				CCH1112
R		531								RS1/10S881J		-											CCSQCH100D5
R		533											525										CCSQCH090D5
R										RS1/8S681J			527										CKSQYF104Z2
ĸ	538									RS1/10S563J		C	528										CKSQYB473K2
R	5 3 9									RS1/10SOROJ		c :	5 5 0										CEATOIM10L2
R	5 4 0									RS1/10S104J		C :	5 5 1	552									CEHAS4R7M35
R	5 4 8									RS1/10S102J		C :	5 5 3	554	805	806	962						CKSQYB102K5
R	550									RS1/10S391J			5 5 5										CEHAQ101M10
R	5 5 3									RD1/4PS392JL			5 5 7	558									CEHAQ470M25
R	5 5 4									RD1/4PM392J		c :	5 5 9	561	562								CQEA224J63
R	5 5 5	558								RD1/4PS471JL			560										CQEA224J63
R	5 5 7	558	559	560						RD1/4PS4R7JL			564										CEA472M16L2
8		562	•••	•••						R\$1/10\$152J													
R	701	***								RS1/8S473J		-	600 703										CASAQ100M10 CQMA683J50L
R	800									De1/100430													
R		804								RS1/10S470J RS1/10S223J			704										CEAR33M50LS
R		808	017									-	800										CEA221M10L2
R			817	010						RS1/10S471J			801		807	808							CEA4R7M35LS
8		810								RS1/10S681J RS1/10S133J			803	804									CEALNP 100M1
												C	913										CEA220M16LS
R R	8 1 3 9 2 2	814								RS1/10S472J		C :	951				470	μ F/1	0 V				CCH1019
										R\$1/8\$472J		C	952	963									CK\$QYB473K2
R	923									RS1/10S472J		C !	956										CCG1008
R R	9 5 0 9 5 1									RS1/8S0R0J RS1/8S681J		C !	961										CEA2R2M50LS
n	3 3 1									N31/030013													
R		971	976							RD1/2PS681JL		Numb			Boar	d Ilai	+ (¥ F	4-U73	nasar	/wc)			
R	9 5 3									RS1/8S223J	2			/			. (n L i	. mrv		110)			
R		965								RS1/10S102J	Micce	II A M F	0110										
R	960	977	978	979	980	981				RS1/8S103J RS1/10S1R0J	MISCE	LLAND	.005										
										"AI\ 1AA 1UU A					rcuit								Part No.
	974									RD1/4PS152JL		1C 9											S-80740AH
	975									RS1/8S223J		10 9											
R	999									RD1/4PM104J													PD4285
												IC 9											LC7582A
1 T O	RS											D 9		902	903	904	905			e uctor			DCC010 LAU101K
										Part No.													
 C	350									CEATOIMIOLS		X 9	0 1					Cera LCD	nic R	sons	tor		CSS1050 CAW1124
	351									CCSQCH681J50		11 4	162	904	905	906			Lan	10-	••1		
	353		363	701	706	914	954	967							910								CEL 1207
	355					314	334	391		CEA470M16LS										(Ora			CEL 1208
	357				958					CKSQYB103K50 CEA100M16LS2												910 Swite	CSG-253
C		190	201	451	450	452	151	457	450 744	05440740510	pro									·			
C C	360		301	431	432	433	404	40/	458 /06	CEA4R7M35LS	RESIS	10K2											
c c										CEA010M50LS2													
	359									CKSQYF104Z25					rcuit								Part No.
	359 364									CEATOIMIOLS													
C C C C	359 364 365	555										R 4	0.1	902	9.02	0.04	005						
C C C C	359 364	555								CEAR68M50LS2				902	903	904	905						RS1/8S103J
C C C	359 364 365	555										R 9	106	902	903	904	905						RS1/8S103J RS1/10S104J
	359 364 365	555										R 9	106	902	903	904	905						RS1/8S103J RS1/10S104J RS1/10S473J
C C C C	359 364 365	555										R 9 R 9	106 107 108										RS1/8S103J RS1/10S104J

CAPACITORS

	E 2 2 2 1 1		Ci	rcuit	Symbo	1 &	No.	====	Part	Name	 Part No.
	C 9	01									 CEA470M6R3LS
	0 9	02									CKSQYF 473725
	C 9	03									CCSQCH331J50
	C 9	04 9	905								CKSQYB103K50
	C S	06	907								CCSQCH221J50
	C S	808	909	910	911	912					CKSQYB152K50
Unit	Nuni	er:									
Unit	Name	:	P. C.	Boar	d (A)						
											Part No.
		2									ESH1003
Unit	Nua	Der:									
	M			0	4 (0)						
Unit	Man	:	P.C	. Boar	d (8)						
Mark			Ci	rcuit	Symbo						Part No.
Mark			Ci	rcuit							 Part No.
Mark		1	Ci	rcuit	Symbo						
Mark 	 D	1 3	Ci	rcuit	Symbo	Swi		 ape/T			 F1SR35-100A
Mark 	D S S0	1 3 1	Ci	rcuit	Symbo	Swi Sol	tch (T	ape/T			 F1SR35-100A ESH1004
Mark 	D S SO	1 3 1	Ci 	reuit	Symbo	Swi Sol M73	tch (Tenoid	 ape/T /WG)	 un)		 F1SR35-100A ESH1004
Mark Misce Mark	D S SO	1 3 1 eous 1	Ci 	reuit	Symbo	Swi Sol M73	tch (Tenoid	 ape/Ti /WG)	 un)		 F1SR35-100A ESH1004 EXP1008

KEH-M7300

Tuner Amp Unit

	M7300/EW	M7200/US	M550/US	M7250/CA	M7250/ES	M7300SDK/WG
TC501		CCG-070	CCG-070	CCG-070	CCG-070	
11952	CEL1208	CEL1025	CEL1025	CEL1025	CEL1025	CEL1208
10502	PD4302	PD4343A	PD4343A	PD4343A	PD4343A	PD4302
10701						KHA142
0453, 454						DTC114TS
0459.460					DTC114TS	
0506	DTC114TS					DTC114TS
0701						DTB123YS
0702						DTC114WS
0703						2SC2458
0850		DTA114ES	DTA114ES	DTA114ES	DTA114ES	
0851, 852		2SC2458	2802458	2 S C 2 4 5 8	2 S C 2 4 5 8	
Q853, 854		2SA1048	2SA1048	2 S A 1 0 4 8	2 S A 1 0 4 8	
Q855. 856		DTC314TS	DTC314TS	DTC314TS	DTC314TS	
0917						2802037
0971, 973					DTC144TS	
0972					DTA144ES	
D508		188133	188133	188133		
D509					188133	
D511						188133
D700						HZS3ROEB2
D907						HZS9R1JB2
X701	701/1001011	201/1001041		1	201/1001041	CSS1019
R351.352 R463.464	RS1/10S104J	RS1/10S104J	R\$1/10\$223J	RS1/10S223J	RS1/10S104J RS1/10S303J	RS1/10S104J
N403.404					N31/1033033	
R465, 466					RS1/10S683J	
R503, 970					RS1/10S223J	
R570, 967, 968					RS1/10S222J	
R571					RS1/10S473J	
R606, 610, 611, 992						RS1/8SOROJ
R612, 619, 520					RS1/8SOROJ	
R615	RS1/8SOROJ					RS1/8SOROJ
R701						RS1/8S473J
R702						RS1/10S684J
R703						RS1/10S222J
R850		R\$1/10\$470J	R\$1/10\$470J	RS1/10S470J	RS1/10S470J	
R851, 852		RS1/10S221J	RS1/10S221J	RS1/10S221J	R\$1/10\$221J	
R853, 854, 869, 870		RS1/10S223J	RS1/10S223J	RS1/10S223J	R\$1/10\$223J	
R855, 856		RS1/10S473J	R\$1/10\$473J	RS1/10S473J	RS1/10S473J	
R857, 858, 867, 868		RS1/10S471J	RS1/10S471J	RS1/10S471J	RS1/10S471J	
			Do. /10222		DO: /10000:	
R859.860		RS1/10S681J	RS1/10S681J	RS1/10S681J	R\$1/10\$681J	
R861. 862		RS1/10S133J	R\$1/10\$133J	RS1/10S133J	RS1/10S133J	
R863. 864		RS1/10S472J	RS1/10S472J	RS1/10S472J	RS1/10S472J	
R865. 866		RS1/10S102J	RS1/10S102J	RS1/10S102J	RS1/10S102J	DC1/1004701
R923					RS1/10S472J	RS1/10S472J

	M7300/EW	M7200/US	M550/US	M7250/CA	M7250/ES	M7300SDK/WG
R991		RS1/8SOROJ	RS1/8SOROJ	RS1/8SOROJ	RS1/8SOROJ	
R998		RD1/4PS222JL	RD1/4PS222JL	RD1/4PS222JL		
0351, 352	CCSQCH681J50	CCSQCH681J50	CCSQCH331J50	CCSQCH331J50	CCSQCH681J50	CCSQCH681J50
C516	CEAR47M50LS2					CEAR47M50LS2
C 5 2 5	CCSQCH090D50					CCSQCH090D50
C 5 2 9					CKSQYF104Z25	
C701.705.914						CEA470M16LS
C702						CKPYY103M16L
C703						CQMA683J50LL
C704						CEAR33M50LS2
C706						CEA4R7M35LS
C850		CEA221M10L2	CEA221M10L2	CEA221M10L2	CEA221M10L2	
C851, 852, 857, 858		CEA4R7M35LS	CEA4R7M35LS	CEA4R7M35LS	CEA4R7M35LS	
C853, 854		CEALNP100M16	CEALNP100M16	CEALNP100M16	CEALNP100M16	
C855, 856		CKSQYB102K50	CKSQYB102K50	CKSQYB102K50	CKSQYB102K50	
C913						CEA220M16LS

FM/AM Tuner Unit

	M7300/EW	M7200/US	M550/US	M7250/CA	M7250/ES	M7300SDK/WG
03		2 S A 1 1 6 2	2 S A 1 1 6 2	2SA1162		
Q51						DTA114TK
D11. 12		1SV128A-BB	1SV128A-BB	1SV128A-BB		
VR1	CCP1019	CCP1025	CCP1025	CCP1025	CCP1019	CCP1019
12	CTF1086					CTF1086
L11. 12		CTF1065	CTF1065	CTF1065		
L101	CTF1126	CTF1170	CTF1170	CTF1170	CTF1126	CTF1126
L201	CTF1084	CTF1026	CTF1026	CTF1026	CTF1026	CTF1084
R 3	RS1/10S124J	R\$1/105683J	RS1/10S683J	RS1/10S683J	RS1/10S124J	RS1/10S124J
R 8		R\$1/10\$331J	R\$1/10\$331J	RS1/10S331J		
R9		RS1/10S223J	R\$1/10\$223J	RS1/10S223J		
R10	RS1/10S560J	RS1/10S0R0J	RS1/10SOROJ	RS1/10SOROJ	RS1/10SOROJ	RS1/10S560J
R11		RS1/10S104J	RS1/10S104J	RS1/10S104J		
R12		RS1/10S470J	RS1/10S470J	RS1/10S470J		
R13	RS1/10S0R0J				RS1/10SOROJ	RS1/10S0R0J
R14		RS1/10SOROJ	RS1/10SOROJ	RS1/10SOROJ	RS1/10SORDJ	
R 5 8	RS1/10S393J	RS1/10S223J	RS1/10S223J	RS1/10S223J	RS1/10S393J	RS1/10S393J
R 6 0						RS1/10S473J
R61	RS1/10S332J					R\$1/10\$332J
R101	RS1/10S331J	RS1/10S471J	RS1/10S471J	RS1/10S471J	RS1/10S471J	RS1/10S331J
R151, 152	RS1/10S222J	R\$1/10\$152J	R\$1/108152J	RS1/108152J	RS1/10S152J	RS1/10S222J
C11, 12, 13, 14		CCSQCH220J50	CCSQCH220J50	CCSQCH220J50		
C15		CKSQYB223K25	CKSQYB223K25	CKSQYB223K25		
C57	CSZAR33K35	CEAR68M50LS2	CEAR68M50LS2	CEAR68M50LS2	CSZAR33K35	CSZAR33K35
C101	CKSQYB822K50	CKSQY8392K50	CKSQYB392K50	CKSQYB392K50	CKSQYB392K50	CKSQYB822K50
C151, 152	CKSQY8273K25	CKSQYB563K25	CKSQYB563K25	CKSQYB563K25	CKSQYB563K25	CKSQYB273K25

Key Board Unit

	M7300/EW	M7200/US	M550/US	M7250/CA	M7250/ES	M7300SDK/WG
11908-911.913	CEL1208	CEL 1025	CEL1025	CEL 1025	CEL 1025	CEL1208

Miscellaneous Parts List

M7300/	EW M7200/US	M550/US	M7250/CA	M7250/ES	M7300SDK/WG
HD1 EXA116	3 EXA1163	EPB1015	EPB1015	EXA1163	EXA1163